

CARLETON UNIVERSITY

96th Convocation, Spring 1992



http://archive.org/details/carletoncovos1992carl

1992 Spring Convocation

Convocation at Carleton University	2
Thursday, June 11, 10:00 a.m Master of Arts (International Affairs and Public Administration); Master of Journalism; Master of Social Work; Master of Management Studies; Diploma in Public Administration; Bachelor of Journalism (Honours); Bachelor of Commerce (Honours); Bachelor of Public Administration (Honours); Certificate in Public Service Studies; Certificate in Law Enforcement Studies	9
Thursday, June 11, 2:00 p.m.	
Master of Arts from the Faculty of Arts; Bachelor of Arts (Honours) and Bachelor of Arts; Bachelor of Music; Diploma in Music; Certificate in French Translation Studies; and Certificate in the Teaching of English as a Second Language	21
Friday, June 12, 10:00 a.m.	
Doctor of Philosophy from the Faculty of Social Sciences for those whose surnames begin with the letters A to L; Master of Arts (Social Sciences) for those whose surnames begin with the letters A to L; and Bachelor of Arts (Honours) and Bachelor of Arts (Social Sciences) for those whose surnames begin with the letters A to L	. 33
Friday, June 12, 2:00 p.m.	
Doctor of Philosophy from the Faculty of Social Sciences for those whose surnames begin with the letters M to Z; Master of Arts (Social Sciences) for those whose surnames begin with the letters M to Z; and Bachelor of Arts (Honours) and Bachelor or Arts (Social Sciences) for those whose surnames begin with the letters M to Z	45
Saturday, June 13, 10:00 a.m.	
Doctor of Philosophy from the Faculty of Science; Master of Science; Master of Computer Science; Bachelor of Science (Honours) and Bachelor of Science; and Bachelor of Computer Science (Honours)	55
Saturday, June 13, 2:00 p.m.	
Doctor of Philosophy from the Faculty of Engineering; Master of Engineering; Bachelor of Engineering; Bachelor of Architecture; and Bachelor of Industrial Design	63
Medallists in the Graduating Class	73
Honorary Degree Recipients	77

The convocation ceremonies may be heard on FM Assisted Listening System, Channel #26. A limited number of receivers are available at each ceremony.

Convocation at Carleton University

The Convocation ceremony (the calling together of the academic assembly) has its roots in university traditions of medieval Europe.

The Mace

The mace is a staff symbolizing authority. In the days of knighthood, it was a weapon, but after the 16th century it became solely a symbol of authority carried by a distinguished member of an assembly. It is used on ceremonial occasions to signify the right of an individual or institution to perform a certain function—in the case of universities, to grant degrees.

At Convocation, the mace is carried ahead of the Chancellor as she enters and leaves each ceremony. (Marshal of Convocation H.H.J. Nesbitt has performed this function for all but one of the University's Convocations.) During the ceremony the mace is displayed on a special stand as an embodiment of the authority of the University.

Carleton's mace was presented to the University in 1976 as a gift from the Chairman of the Board of Governors at that time, Mr. Hyman Soloway. It is a silver-plated staff approximately three feet long. At the upper end there is a bowl marked with the University's coat of arms and the University motto in both Latin and English—"Opera Nobis Aeterna" and "Ours the Task Eternal." From the upper portion of the bowl rises a phoenix. Traditional oak leaves surround the lower end of the staff.

Coat of Arms

Carleton University's coat of arms is described in heraldic terms as follows: "On a field sable; in radiants d'argent, a maple leaf gules charged with an open book; crest—a phoenix propre." It is comprised of a black shield bearing an open book on a red maple leaf surrounded by silver rays. The shield is surmounted by a phoenix, and below the shield is a scroll bearing the motto "Ours the Task Eternal."

The open book on the maple leaf signifies that Carleton University is in the nation's capital and that learning is open to all who wish to partake of it. The radiants are the light of learning. The phoenix, the legendary eternal bird, symbolizes the renewing of learning from older foundations, in recognition of Henry Marshall Tory's role in the founding of the University when he was 82 years old. "Ours the Task Eternal" is taken from a Walt Whitman poem entitled "Pioneers" and ties in with the eternal quality of the phoenix.

And so, the Carleton University coat of arms symbolizes sound learning, good citizenship, and the highest hopes of humanity.

The Diploma

The diploma the graduates receive at Convocation is the certificate of qualification which publishes the fact that the student has fulfilled all the requirements and completed the prescribed course of study for the degree. As the senior academic legislative body of the University, it is the Senate which has determined whether the requirements have been met. The signatures of both the Chancellor and the President of the University appear on the diploma: the Chancellor because of her role in conferring the degree, and the President who, as Chairman of Senate, certifies that Senate has enacted the required motion to award the degree. The Seal of the University is affixed to the diploma as a mark of authentication.

Academic Dress

The academic dress of Carleton University is a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code. All three hoods—bachelor's, master's, and doctor's—are of the simple or Oxford shape. Bachelor's is made of black stuff; master's and doctor's are made of black silk and all are lined with silver silk with two

chevrons, one of red and one of black. From bachelor's to doctor's the hoods are progressively longer and opened to show more and more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations: architecture is cerise; arts is white; commerce is camel brown; computer science is royal blue; engineering is orange; industrial design is dark cardinal; journalism is white with a black cord sewn slightly in from the lower border; management studies is camel brown with a black cord sewn slightly in from the lower border; music is venetian pink; public administration is peacock blue; science is golden yellow; social work is cream; and doctor of philosophy is purple.

The bachelor's gown, to be worn with the above hoods, is of full length, made of black stuff, with a gathered yolk behind, and long open-fronted sleeves. The master's gown is of full style, made of black silk or rayon, with full gathered yolk behind, and closed sleeves with an opening at the elbows. The doctoral gown is the same style as the master's, made of fine royal blue cloth with facings of light blue silk.

The gown of the Honorary Doctor of Laws, Literature, Science, and Engineering is a full robe with bell-shaped sleeves, made of fine royal blue cloth with facings and sleeves in light blue silk. The hood is made of the same material as the gown, has the same lining as that for degrees by examination, and is bordered with dark mauve for the degree Doctor of Laws; vibrant blue for the degree Doctor of Literature; red for the degree Doctor of Science; and orange for the degree Doctor of Engineering.

The Presiding Officer of Convocation is the Chancellor.

In the absence of the Chancellor, Pauline Jewett, O.C., M.A., Ph.D., LL.D., the Vice–Chancellor, President Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presides at this spring's ceremonies.

Accompanying him on the podium is Samuel F. Hughes, Chair of the Board of Governors.

Assisting the Vice-Chancellor are:

Herbert H.J. Nesbitt, M.A., Ph.D., Sc.D., D.Sc., F.L.S., F.E.S.C., F.Z.S. Professor Emeritus of Biology and Marshal of Convocation

Michel Gaulin, M.A., Ph.D. Professor of French, Clerk of Senate and Assistant Marshal of Convocation

Y. Aleksandra Bennett, M.A., Ph.D. Associate Professor of History and Beadle of Convocation

David K. Bernhardt, M.A., C.Psych. Associate Professor of Psychology and Beadle of Convocation

J.G. Boutin, M.Sc. Instructor in Physics and Beadle of Convocation Chris Brown, M.A., Ph.D. Assistant Professor of Political Science and Beadle of Convocation

T. Brettel Dawson, LL.B., LL.M. Associate Professor of Law and Beadle of Convocation

Carole E. Dence, M.A., A.R.C.T. Assistant Dean (Systems Analysis and Education Research), Faculty of Social Sciences Acting Director, Institute of Women's Studies and Beadle of Convocation

Christopher T. Dornan, B.J., M.A., Ph.D. Assistant Professor of Journalism and Beadle of Convocation

Kevin R. Goheen, B.A.Sc., Ph.D. Associate Professor of Engineering and Beadle of Convocation

Claudia Persi Haines, Dott. In L.e.L. Associate Professor of Italian and Beadle of Convocation

Juliette Kealey, M.A. Associate Professor of French and Beadle of Convocation

David T. Lau, B.Eng., M.S., Ph.D. Assistant Professor of Engineering and Beadle of Convocation

Colleen Lundy, B.Sc., M.S.W., Ph.D. Associate Professor of Social Work and Beadle of Convocation

Moyra J. McDill, M.Eng., Ph.D., P.Eng. Associate Professor of Engineering and Beadle of Convocation

Alan D. McLay, M.A., Ph.D. Associate Professor of English and Beadle of Convocation

1. Munro, B.A., M.Sc. Instructor in Earth Sciences and Beadle of Convocation P. Nicholas Rowe, M.A., Ph.D. Assistant Professr of Economics and Beadle of Convocation

Michael W. Smith, B.Sc., M.A., Ph.D. Associate Professor of Geography and Beadle of Convocation

Michael B. Thompson, M.A. Associate Professor of English and Beadle of Convocation

W.L. Weber, B.Sc., M.B.A., M.S., Ph.D., Associate Professor of Business and Beadle of Convocation

Also assisting at Convocation:

Kenneth J. McGillivray, B.A., Ph.D. Adjunct Professor of English and Assistant Dean, Faculty of Graduate Studies and Research

Douglas Saveland, B.A. Assistant Dean Faculty of Arts

Sandra Bauer, B.A. Acting Assistant Dean/Registrar Faculty of Social Sciences

Ruth Lifeso, B.Sc. Assistant Dean and Registrar Faculty of Science and School of Computer Science

R.L. Fleming, B.A. Assistant Dean (Academic) Faculty of Engineering

Kathleen Hickey Gwen Moodie Registrar's Office, Faculty of Graduate Studies and Research

Linda Backer Vicki LeBlanc Priscilla Loates Elizabeth Wilson, B.P.E. Registrarial Services, Faculty of Arts

Dianne Baird
Barbara Everts
Kathleen Faulkner
Saira Fitzgerald, B.A.
Colin Harkness
Ron Jones
Registrarial Services, Faculty of Social Sciences

Lisa Ralph Registrar's Office, Faculty of Science and School of Computer Science

Pegge Clarke Marlene Groves Peggy Piccolo Registrar's Office, Division of Engineering Anne-Marie Lépine Lisa Papadakis, B.A. Carolyn Richer, B.A. Norman Smithley Office of Admissions (Records and Registration Services)

Pamela Mallon Dolores Neilson Office of the President

Joan Charron
Patrick O'Brien, B.A., D.P.A.
Joel Nordenstrom, B.A.
MaryAnne Pomainville
Janet Weichel-McKenzie, B.A.
Patricia Zorge B.A., B.P.E.
Public Relations and Information Services



O Canada

O Canada! Our home and native land!
True patriot love in all thy sons command.
With glowing hearts we see thee rise,
The True North strong and free!
From far and wide, O Canada,
We stand on guard for thee.
God keep our land glorious and free!
O Canada, we stand on guard for thee.
O Canada, we stand on guard for thee.

Order of Proceedings

Thursday,						
June	11,	10:00	a.m.			

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- ☐ O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- Conferring of Degrees by Examination Warrant
 Michel Gaulin, M.A., Ph.D.
 Clerk of Senate
- ☐ Introduction of the Medallists
 The Clerk of Senate
- Awarding of the Medals
 Dennis P. Forcese, M.A., Ph.D.
 Vice-President (Academic)
- Conferring of the Degree of Doctor of Literature,
 honoris causa, upon
 Charles S.A. Ritchie, C.C., M.A., D.C.L., D.Litt., F.R.S.L.
 (Presented by Maureen A. Molot, M.A., Ph.D., Professor of International Affairs and Political Science)
- Convocation AddressCharles S.A. Ritchie
- □ Recessional Music

^{*}see page 8 for wording



Recipients of Degrees, Diplomas and Certificates

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Helen Jenks Clarke
B.A. (Northeastern University,
Massachusetts)
International Affairs
The Transfer of Technical
Knowledge: Remote Sensing

Knowledge: Remote Sensing for the Management of Thailand's Mangroves

Ann Collins B.A. (Ottawa) International Affairs

Jean-Pierre de Margerie B.A. (Laval), B.A. (Sherbrooke) International Affairs

Ariel N. Delouya B.A. (McGill) International Affairs

Pierre Laberge B.A. (Montreal), B.A., Ph.D. (Université Catholique de Louvain) International Affairs

Lesley J. MacGregor B.A. (British Columbia) International Affairs

Dominique Millette B.A. (York) International Affairs

Claire Marie Thompson B.A. (McGill)
International Affairs

Susan Wilkinson B.A. (Queen's) International Affairs

Nancy L. Ayotte B.P.A. (Carleton) Public Administration

Dianne Elizabeth Bascombe-Tivy B.A. (Queen's)
Public Administration

Daniel S. Batista
B.A. (York)
Public Administration

Gail Ann Bradshaw *B.A. (Carleton)*Public Administration

Bonita Cavell Coole-Stevenson B.A. (Memorial)
Public Administration

Balwinder Kaur Dev B.A. (Queen's) Public Administration

Joanna Mary Louise Drewry B.A. (Carleton), B.A. (Victoria)
Public Administration

Kjerstine Leah Kinaschuk B.A. (McGill)
Public Administration

Kijakazi Rajabu Mtengwa B.A. (Dar Es Salaam, Tanzania) Public Administration

Ian Douglas Munro B.A. (Mount Allison) Public Administration

Sandra Elizabeth Nicoll B.B.A. (Wilfrid Laurier)
Public Administration

Janis Anne-Marie Pelletier B.A. (Alberta)
Public Administration

Margaret Jane Rhodes B.A. (Queen's) Public Administration

Michael Ari Silverman B.A. (York) Public Administration

Judy M. Taguiwalo B.Sc. (Philippines) Public Administration

Awarded at the June Meeting of Senate

Ian Robert Gordon Cameron B.A. (Queen's)
International Affairs

Chad Laurel Desnoyer-Maglaque B.A. (McGill), Dip. (La Sorbonne) International Affairs

Asiye Derya Dingiltepe Dip. (Johns Hopkins, Italy), B.A. (Ankara, Turkey) International Affairs

Daniel James Friesen B.A., B.Sc. (Guelph) International Affairs Xiao Jiang Fu B.A. (Zhongshan, China) International Affairs

Usanee Hararuck
B.A. (Chulalongkorn, Thailand)
International Affairs

Randal Edmund Hyland B.A. (Simon Fraser) International Affairs

Lori Kathleen Jones B.A. (Trent)
International Affairs

J. Margaret Koncovy B.A. (Saint Mary's) International Affairs

Eric Lefebvre
B.A. (Maryland)
International Affairs

Colleen Mayo-Pankhurst B.A. (Carleton)
International Affairs

Beverley Anne McGee B.A. (Western Ontario) International Affairs

David Robert Morris B.A. (Victoria)
International Affairs

Denis Gerard Paquin
B.A. (Carleton), M.A. (Queen's)
International Affairs

Ada Ines Piazze
B.A. (Laurentian), B.A. (Universidad del
Salvador, Argentina)
International Affairs

Mohamed M. Kamal Shahda B.A (Cairo, Egypt), Dip. (Johns Hopkins, Italy) International Affairs

Laurent G. Sillano
Dip. (Hautes Etudes Commerciales,
France)
International Affairs

Scott H. Streiner
B.A. (Hebrew University, Israel)
International Affairs
The Heart of the Matter:
Arabs, Jews, and Jerusalem

Margaret Ellen Van Steenburgh B.S.W. (Western Ontario) International Affairs Brian James Canning
Dip. (Loyalist College)
Public Administration

Beverly Olivia Chase B.Sc. (West Indies) Public Administration

Kimberly Anne Conroy B.A. (Simon Fraser)
Public Administration

Séan Martin Crossan B.E.S. (Waterloo) Public Administration

James Joseph Dicks
B.A. (Trent)
Public Administration

Rachael Jo-Ann Donovan B.A. (Winnipeg) Public Administration

Terrance Patrick Dunn B.Com. (Carleton) Public Administration

Kenrick Anthony Glynn B.Sc. (West Indies) Public Administration

Wei Hao
B.A. (International Business and
Economics, China)
Public Administration

David John Hutchison
B.A.Sc. (Waterloo)
Public Administration

Maria Teresita Javenia
B.S. (Philippines)
Public Administration

Wilbert King
B.Sc. (West Indies)
Public Administration

Carolyn R. Lascelles
Public Administration

Nancy Leigh Lewis-Horne B.A. (Simon Fraser)
Public Administration

Earl Brenton MacDonald B.B.A. (Cape Breton)
Public Administration

Carol Ann McCalla B.A. (Carleton) Public Administration Dumisani Leslie Mngadi
B. Admin. (University of the North, South
Africa)
Public Administration

Nyaupumbwe George Israel Mnyitafu B.Com. (Dar Es Salaam, Tanzania) Public Administration

Kevin David Moore B.P.A. (Carleton) Public Administration

Peter James Moore
B.A. (Laurentian), B.A. (Carleton)
Public Administration

Jireys Nestory Mutalemwa B.Sc. (Dar Es Salaam, Tanzania) Public Administration

John Dominic Chakhwima Mwale B.A. (Malawi)
Public Administration

Vanamala Naidoo B.A. (Concordia) Public Administration

Isaac Kwabena Otchere B.Sc. (Ghana) Public Administration

Brian Gregory Pagan B.P.A. (Carleton) Public Administration

Angkana Ratchtorn
B.A. (Ramkhamhaeng, Thailand)
Public Administration

Saton Sanpipat

B.A. (Ramkhamhaeng, Thailand)

Public Administration

Patricia A. Scotcher
B.Sc. (Exeter, England)
Public Administration

Bohdan Michael Shumsky B.Sc. (Ottawa) Public Administration

Patrick Spencer
B.A. (Carleton)
Public Administration

Boon Khee Teo
B.A. (Malaya, Malaysia)
Public Administration

Aye Tin Aye
B.Arch. (Rangoon Institute of Technology,
Burma)
Public Administration

Master of Journalism

Master of Social Work

Leroy Samy Uguy B.Eng. (Bandung Institute of Technology, Indonesia)

Oliver Mortimer Valz B.Admin. (Lakehead) Public Administration

Public Administration

Daniel Verreault D.P.A., B.Eng. (Carleton) Public Administration

Dandan Zhang B.E. (Shanghai Jiao Tong) Public Administration (Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Keane James Shore
B.A. (Lethbridge)
Newspaper Ombudsmen in Canada

Awarded at the June Meeting of Senate

Diana Marie Alyward B.A. (Memorial)

Corinne Irolene Barnes B.A. (West Indies)

James Arnold Bronskill
B.J. (Carleton)
Sound Barriers: The Canada-U.S.
Free-Trade Agreement and the
Recording Industry in Canada

Andrew David Clarke B.A. (Carleton)

Jean Ann Cruickshank B.A. (Queen's)

William C. Eggertson
B.A. (York)
Belling the Cat: The
Lobbyists Registration Act

Josée Guérin B.A. (Concordia), M.A. (Carleton)

Doug Herrington B.J. (Carleton)

Ramesh Kondakamrla
B.Sc., B.C.J., M.C.J. (Osmania, India)
The Role of Canada in the
UNESCO Communication Program

Rian David Maelzer

Christine Ann Manore B.A. (Mount Allison)

David Bruce Smith B.A. (Alberta)

Henry Sporn
B.A., B.J. (Carleton)
Public Opinion: A Proposal
for a Quality Ottawa Daily

Jonathan James Ernest Wells B.A. (Western Ontario)

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Margaret Crozier Holmes B.A. (Queen's)

Fiona Patricia Gilligan B.A. (Carleton)

Louise Manton B.A. (Ottawa)

Debra Jacqueline McLeod B.S.W. (Dalhousie)

Andrea Patricia Isobel Munro B.A. (Dalhousie)

Christine Anne Redden B.A. (Laurentian)

Natalie Strangelove B.Soc.Sci. (Ottawa)

Awarded at the June Meeting of Senate

Kimberley Anne Bulger B.S.W. (Calgary)

Lorraine Elizabeth Calderwood-Parsons
B.J. (Carleton)

David L. Champagne B.A. (Carleton)

R. Maxine Cupido B.A. (Queen's)

Raymond Michael Dorey B.A. (Concordia)

Ruth Phyllis Drennan B.A. (Waterloo), M.C.A. (Ottawa)

Judith Lynne Duncan B.A.A. (Ryerson)

Patricia Elizabeth Frost B.A. (Queen's)

Brigitte G. Gaudet B.A. (Sir George Williams)

Phillida Hargreaves B.A. (Lancaster, England)

Graham Paul Harvey B.A. (Carleton)

Kathryn Ann Hill B.A. (Concordia)

Francis M. Holden B.A. (Memorial)

Elizabeth Louise Hundevad B.Sc. (Trent)

Shereen Tareq Ismael B.A. (Calgary)

Diane Eileen Kroeker B.A. (Fresno Pacific College, California)

Rena Marie LaFleur B.A. (Carleton)

Jack John David Landreville B.A., B.A. (Ottawa)

Nina Kay Luhrsen-Hole B.Sc.Ed. (Wisconsin)

Curtis Wade Magnuson B.A. (Carleton), B.S.W. (Lakehead)

Kenna Jean McCall B.A. (Carleton)

Carole Anne Miller B.Soc.Sc. (Ottawa)

Carol Elizabeth Moore B.S.W. (St. Thomas)

Verity H. Noviss-Barrett B.A. (Carleton)

Carol-Anne O'Brien B.A. (Manitoba)

Sharon Singleton B.A. (Ottawa)

Catherine Elizabeth Taylor B.S.W. (Calgary)

Barbara Waterfall B.A. (St. Thomas)

Master of Management Studies

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Hans Suta Aggarwal
B.Com. (Carleton)

A Rule-Based Patient Simulation System for Teaching Medical Students

Margaret P. Bourk B.Com. (Carleton)

A Comparison of English and French Canadian Ethnicity Effects on Country-of-Origin Product Evaluation

Awarded at the June Meeting of Senate

James Edward Bowen
B.Com. (Carleton)
A Fraud Expert System:
Enhancing a Rule-Based System
with Object and Functional
Components

Edwin Joshua
B.B.A. (Madurai, India)
An Examination of Product
Knowledge and Information
Search in Consumer
Information Processing

Hugh Bruce Lounsbury B.Sc. (Queen's)

Options Theory as a Framework for Decision-Making in R&D Investments

Diploma in Public Administration

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the June Meeting of Senate

Richard J. Huizenga B.A. (Carleton)

Alton G. Legault B.A., M.A., M.Ed. (Ottawa)

Leslie Madeline Small B.A. (Carleton)

Bachelor of Journalism (with Honours)

(Presented by Associate Professor Peter Johansen, Director of the School of Journalism)

Awarded at the February Meeting of Senate

Sean H. DaCosta with Honours

Awarded at the June Meeting of Senate

Michael W. Aiken with Honours

Thomas Lloyd Archibald Highest Honours

Regina A. Behnk High Honours

Kathleen Anne Bellinger with Honours

Debra May Boyce High Honours

Deborah Samantha Carter with Honours

Shi-Lin Chan High Honours

Betty C. Y. Chiu High Honours

Peter Chura High Honours

David Robert Cocking with Honours

Michael Christopher Curran with Honours

Caroline Dabu with Honours

Kelly-Lee Dexter with Honours

Maxine Elise Donovan with Honours

Faith Ann Featherstone with Honours

Heather Lynn Fraser with Honours

Brian P. Gladman with Honours

Micheline Goodwin High Honours

Kelly Elizabeth Graham with Honours

Sandra Georgina Haltrecht with Honours

Sarah Louise Haslegrave with Honours

Siren Helen Henschien High Honours

Elizabeth Joanne Hoath with Honours

Sarah Elizabeth Hobbs with Honours

Kanina Holmes Highest Honours

Tracy Michelle Hoskins Highest Honours

Brent Thomas Hurst Highest Honours

Douglas Ivison with Honours

Suzanne Veronica Jongeneel High Honours

Joshua Hart Kalman with Honours

Patrick Keleher with Honours

Monta Elizabeth Kerr High Honours

Leon Korbee with Honours

Ronald Lachman High Honours

Lise Larocque with Honours

Valerie Ruth Lawrence High Honours

Wendy Laraine Lee Highest Honours

Linda Erika Lerch High Honours

Kathleen Jennifer Anne Lewis with Honours

Tamara Lee Macpherson with Honours

Amanda Lee Morrall with Honours

Pamela Lynn Nelson High Honours

Rhonda Marie Oickle with Honours

Massey James Padgham with Honours

Nadine Theresa Pequeneza High Honours

Patrice Nicole Peterkin with Honours

Brigitte Elisabeth Petersen with Honours

Marc-André Joseph Pigeon High Honours

Tanya A. Pobuda High Honours

Roberta Lee Rampton High Honours

Lucy Anne Rosati with Honours

James Gilbert Rossiter with Honours

Danielle N. Sarazin with Honours

Susan Beatrice Stadey with Honours

Brenan C. Stearns with Honours

Claire Louise Stirling High Honours

Christina Louise Talford with Honours

Pauline Tam with Honours

Tracy Jeanne Tjaden with Honours

Maria Lena Urquhart with Honours

Anne Vrdoljak with Honours Robin Mary Wakelin with Honours

Stephanie Michele Walsh with Honours

Erin Jean Helen Whalen with Honours

Sherri Lynne Whalen High Honours

Stephanie Widzyk High Honours

Michael T. Winterburn High Honours Bachelor of Commerce (with Honours)

(Presented by Associate Professor D.R. Thomas, Director of the School of Business)

Awarded at the February Meeting of Senate

Judith Vivian Andrew with Honours

Matthew Thomas Bailey with Honours

Judith Gayle Beveridge with Honours

Suzette J. Bouzane Highest Honours

Stephanie Ann Brownlee with Honours

Brian Gregory Burke with Honours

Shane John Byrnes with Honours

Ivan Tat Yin Chan High Honours

Louisa Ka Sin Chung High Honours

Shawn Edwin Hill High Honours

Mary Ann Howe High Honours

Yvonne Yuen-Fan Hui High Honours

Erik Karel Kosar with Honours

Paul Andrew Lackner Highest Honours

Steven Eric Charles Leclair with Honours

Kevin Charles Marshall with Honours

Joseph Edward Stephen Pyne with Honours

Donna Joanne Rathwell with Honours

Sandeesh Singh with Honours Diana Lynn Waal High Honours

Douglas Joseph Wood with Honours

William Robert Wood with Honours

Paul Seifu Yemenu with Honours

Awarded at the June Meeting of Senate

Peter Tasso Anas with Honours

Tat Fong (Alex) Ao-leong with Honours

Brian Andrew Armstrong with Honours

Craig Moses Aronoff Highest Honours

T. Mark Baker with Honours

Derek Paul Barber High Honours

Kimberley Ann Barrette with Honours

Trevor Brent Beairsto with Honours

Claire Bekolay with Honours

Jeffrey James Bender Highest Honours

Anthony P. Bennett with Honours

Andrea Lynne Bertoia with Honours

Jane Frances Bhar with Honours

Maala Bhatt High Honours

Alexander Block with Honours

Torstein M. Braaten with Honours

Jeff Joseph Doyle Steven A. Braun Joann Gayle Jones with Honours with Honours with Honours **Donald Patrick Burrows** Tahere Droodian Michael Kaine High Honours with Honours with Honours Mark Dunbar Colleen Kanna Ricky Raymond Caldeira with Honours with Honours **Highest Honours** Bruce Douglas Campbell Kirby T. Dunstan Michael Andrew Kennedy with Honours with Honours with Honours Cynthia G. Capiral Pierre M. Fauvel Roger Niel Kennedy with Honours with Honours with Honours Kimberly Lynne Casselman Susan-Belle L. Ferguson Igor Kotlyar Highest Honours High Honours with Honours Elizabeth Veronica Fosbery Dorothy Ann Krajewski Lesley Grace Castledine with Honours with Honours with Honours Franca Cerquozzi Sheema Ganga-Persad Suzanne E. V. Labrecque High Honours with Honours with Honours Sandra Chan Janet Elizabeth Katharine Garvey Ka Mun Lai with Honours with Honours **Highest Honours** Marc Jean Chartrand Brent W. Geddes Bradley H. Lalonde with Honours with Honours with Honours Dan Chow Sylvain D. Girard Catherine Jane Laurin **Highest Honours** with Honours with Honours David Robert Grandmaison Scott Edward Allan Clark Ian David Laws with Honours with Honours with Honours Alisa Heather Cogan Frank Greco William Keith Leech with Honours with Honours with Honours Karen Côté Drew J. Heavens Robert F. Leighton with Honours with Honours with Honours Jeffrey Paul Coughlan Sandro Hervato Simon Alastair Lett with Honours with Honours High Honours Allan Frederick Crawford Douglas G. Hewko Tanice Nancy Levi with Honours with Honours High Honours Andrew Jeffrey Levitan Wende Leigh Crigger Andy K. Y. Ho with Honours with Honours with Honours Stephen Robert Crockett Heather H. Hoskins Ian Martin Levitt with Honours High Honours with Honours Shaun Eldon Cumby Jodie Erica Hovdestad **Iovce Lim** High Honours High Honours with Honours Karen Lee Decker Douglas Hum Frederick Jerome Little with Honours High Honours with Honours Jonathan Martin Dervin Paul Darren Johnsen Dina Lynn Logan with Honours B.A. (Carleton) with Honours with Honours Sandra Lynne Dobson Kevin Edward Lueck with Honours

Highest Honours

Philip James MacLean with Honours

Dino A. R. Marchiori with Honours

David Brian Andrew Marshall with Honours

David Houston Marshall with Honours

Linda Mattioli with Honours

Carolyn A. M^cCaughey with Honours

Jane L. R. McCullagh with Honours

Susan Elke M^cCumber B.A. (Carleton) with Honours

Duncan M. M^cLean with Honours

Marnie Leigh M^cLellan Highest Honours

Jane Elizabeth Medlar High Honours

Michael Robert Milito High Honours

Dawn Louise Miller with Honours

Scott Michael Morin with Honours

Adele Jay Mostert with Honours

Scott Murison with Honours

Helen Elizabeth Nauffts with Honours

Mark B. Noonan with Honours

David Allan Nordquist with Honours

Charles D. O'Dale with Honours

Leanne Tai-Chia Pang with Honours Shannon Lee Patterson with Honours

Celeste Peixe with Honours

Deborah Ann Perkins with Honours

Robert James Picard with Honours

Mary Jane Pundyk High Honours

Paul Rupert Reed with Honours

Rosemary Renstad High Honours

Maria Ines Rios with Honours

Andrew Peter Robinson Highest Honours

Roxanne Danielle Savard High Honours

Karen Dawn Schlyter with Honours

Camilla Frances Sneyd with Honours

Donald Wayne Stephenson with Honours

Frederick Owen Stoltz High Honours

Gregory Walter Tsang with Honours

Ross William Tubman with Honours

Alison Wagstaff with Honours

Scott Harold Wallace with Honours

Karen Elizabeth Walsh Highest Honours

Sherry Ann Wee with Honours

Heather Marie Weil with Honours

James Gordon Wells with Honours

Douglas Sean Welsh High Honours

Marit Wetterhus with Honours

Shelly Yvonne Whitney Highest Honours

Daniel Murray Wilcox with Honours

Ross Cameron Wilkin with Honours

Kevin Richard Williams with Honours

Mark Gordon Wilson with Honours

Trevor Grayson Wood High Honours

Duane A. Yeager Highest Honours

Elizabeth Beatrice Young with Honours

Bachelor of Public Administration

(Presented by Professor Eugene Swimmer, Director of the School of Public Administration)

Awarded at the February Meeting of Senate

Angela Allard with Honours

Celia Borgatti with Honours

Awarded at the June Meeting of Senate

Jeffrey Christopher Bangs with Honours

Karin Monika Bieg with Honours

Todd Richard Cain Highest Honours

Wanda Marie Chow with Honours

Gil Côté with Honours

Darren Wallace Dicks with Honours

Kevin Brian Houlahan with Honours

Bruce Andrew Linton with Honours

Lynn Ruth Morris with Honours

Carole Elverita Nesbeth with Honours

Walter Thomas Edmond Rosser High Honours

Rajeev Kumar Sunnak with Honours

Certificate in Public Service Studies

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the June Meeting of Senate

Daniel Paul Rutkus C.L.E.S. (Carleton)

Certificate in Law Enforcement Studies

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the June Meeting of Senate

N. K. Cowie

Lynn Darnell Twardosky

Order of Proceedings

Thursday,						
June	11,	2:00	p.m.			

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- ☐ O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- Conferring of Degrees by Examination

Warrant Michel Gaulin, M.A., Ph.D. Clerk of Senate

- Introduction of the Medallists
 The Clerk of Senate
- Awarding of the Medals
 Dennis P. Forcese, M.A., Ph.D.
 Vice-President (Academic)
- Conferring of the Degree of Doctor of Literature,
 honoris causa, upon
 Lister Sinclair, O.C., M.A., LL.D., D.Litt.
 (Presented by A. Trevor Hodge, M.A., Ph.D., Professor of Classics)
- Convocation Address
 Lister Sinclair
- Recessional Music

^{*}see page 8 for wording



Recipients of Degrees, Diplomas and Certificates

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Morgan Gerry Francis Baillargeon B.A. (Western Ontario), B.Ed. (Alberta) Canadian Studies

Lynda Catherine Chambers B.J. (Carleton)
Canadian Studies

Gwenda Laidler Davies
B.A. (Hull, England), B.A. (Carleton),
M.Ed. (Ottawa)
Canadian Studies

Gregory Lowell Healey B.Mus.Ed. (Regina)
Canadian Studies

Bonnie Ruth MacLean B.A. (P.E.I.)
Canadian Studies

Yvette Liliane Mongeon B.A. (Carleton)
Canadian Studies

Danielle Marie Szandtner B.A. (McGill)
Canadian Studies

Jennifer Dale Tiller B.A. (Western Ontario) Canadian Studies

J. E. Anne-Marie Turcotte
B.A. (Ottawa)
Canadian Studies

Hiroe Watanabe B.A. (Aoyama Gakuin, Japan) Canadian Studies

Wynne White B.A. (Queen's), B.F.A. (Ottawa) Canadian Studies

Marcela Moc
B.A. (Western Ontario)
Comparative Literature

Allison Lynn Fillmore
B.A. (Carleton), M.A. (Victoria)
English
"In This Kingdom of Passing
Fiction": The Language of
Memory and Imagination in
David Malouf's An Imaginary
Life and Wilma Stockenstrom's
The Expedition to the Baobab
Tree

Randall James Schmidt B.A. (Calgary) English

Laurie Anne Gillies B.A. (Toronto), B.A.A. (Ryerson) History

Katherine Louise Mills
B.A. (Carleton)
History
Wills in Later Medieval
England, With Special
Reference to Women

Awarded at the June Meeting of Senate

Michelle Lianne Brown B.A. (Alberta)
Canadian Studies

Alice Bernadette Bruechert
B.A. (Carleton)
Canadian Studies
The Concept of Immigration in the Development of the Nation
State: A Comparison of
Germany and Canada

Robert Calixte Ferdinand Corbeil B.A. (Carleton)
Canadian Studies

Andrea Lynn Drysdale B.A. (British Columbia) Canadian Studies

Nadine Clarot FabbiShushan B.A. (Seattle) Canadian Studies

Hagit Hadaya B.A. (Carleton) Canadian Studies

Dan Liu Dip. (Foreign Affairs College, China) Canadian Studies

Sabine Luedtke B.A. (Tubingen, Germany) Canadian Studies Janice Ruta McDonald

B.A. (Carleton)

Canadian Studies Women and the Appointment

Process in Canada

Linda Gloria McDonald

B.Ed. (Alberta)

Canadian Studies

Doreen M. Meyer

B.J. (Carleton)

Canadian Studies

A Prison of Their Own: The Contradictions Behind

Canada's Prison for Women

Annalisa Ruth Staples

B.A. (Alberta)

Canadian Studies

Darlene Rose Tansey

B.A. (Brock)

Canadian Studies

Marc Wyly Douglas Tyrrell

B.A. (Carleton)

Canadian Studies Strands of Moonlight: An

Examination of the Institutionalization Amongst Neo-Pagan Witches in Ottawa

Lois Jane Wilson

B.A. (Alberta)

Canadian Studies

Anita Jennifer Wong

B.A. (Carleton)

Canadian Studies

Mary Elizabeth Fraser

B.F.A. (Ottawa)

Comparative Literature

Donna June Kennedy

B.A. (Carleton)

English

Suzanne Elisabeth Klerks

B.A. (McGill)

English

The Making of a Monster: The Female Grotesque in Chaucer's

Canterbury Tales

Margaret Jane McCullough

B.A. (Carleton)

English

John Maurice Metcalf

B.A. (Western Ontario), B.P.E. (McMaster), B.Ed., M.Ed. (Toronto)

The Presentation of Jacobean

Witchcraft Belief in

Shakespeare's Macbeth

Wendy Quinlan-Gagnon

B.A. (Queen's)

English

Patricia Ann Whiting

B.A. (Franconia College, New Hampshire)

English

Debra J. Dufresne

B.A. (Carleton)

Le français parlé en Ontario. Comportements et Attitudes Linguistiques d'Adolescents

en Milieu Scolaire

Joseph Roger Bryan Brulotte

B.A. (Collège Militaire Royal de Saint-

History

Visions of Grandeur: Planning

for the Canadian Post-War

Army 1944-1947

Marcy-Lynne Fogal

B.A. (Carleton)

History

Robert Fenwick Linden

B.A. (Carleton), B.A.Sc. (British Columbia), M.Sc. (Massachusetts Institute

of Technology)

History

Charles Marshall

B.A. (Guelph), M.A. (York)

History

Peggy J. Sykes

B.A. (Carleton), B.Ed. (Nipissing)

History

A History of the Ottawa

Allied Trades and Labour Association 1897-1922: A

Study of Working-Class

Resistance and Accommodation

by the Craft Worker

Jeffrey Michael Spooner

B.A. (Carleton)

Religion

Canadian Christian Church

Perspectives on Requests for

Active Voluntary Euthanasia

by Terminally Ill Patients

(Presented by Professor J.M. Yalden,

Dean of the Faculty of Arts)

Awarded at the

Bachelor of Arts (with Honours)

February Meeting of Senate

Sheena Ida Laird

Honours in English and History

Anna M. Lattanzi

Highest Honours in

Interdisciplinary Studies

John Alexander MacDonald

B.A. (Carleton)

Honours in English and History

Laura Jacqueline McCoy

High Honours in Art History

Kirsti Stos

Honours in English and Spanish

Michael Peter White

High Honours in History

Awarded at the

June Meeting of Senate

Dalia M. Dias Abreu

Highest Honours in Spanish

Sheryl Kathleen Adams

Honours in French

Timothy George Addison

B.A. (Carleton)

Honours in English

R. Alan Armstrong

B.A. (York)

High Honours in English

Laura Atkinson

Highest Honours in Italian and

Russian

Anthony Freund Baer

Highest Honours in Philosophy

Trevor Banks

Honours in History

Virginia Dawn Barry Honours in English

Imke Barthel

B.A. (Carleton)

Highest Honours in Russian

Melanie E. Bauer

Honours in German

Carmel Anne Beer High Honours in Spanish

Donald Robert Bélisle Honours in History

Sheena Dorothy Bendall Honours in English

Chéri May Blain Honours in English

Jessika Ilona Borsiczky High Honours in English and Mass Communication

Isabelle Bourdeau Honours in French and Psychology

Aimée Marie-Carmen Boutin Highest Honours in English and French

Gillian Elizabeth Burnett
B.A. (Carleton)
High Honours in History

Sean James Burrows High Honours in History

Anne-Louise Carruthers
B.A. (Carleton)
High Honours in English

Eric William Casagrande Honours in History

Tanya Jayne Case Honours in English

Claudia Cesario B.A. (Carleton) Honours in English

Li Kit Chan
High Honours in Mass
Communication

John David Gugy Chaplin B.A. (Carleton) High Honours in History

Paul Chaplin
High Honours in Philosophy

Catherine Ann Churchill Honours in Interdisciplinary Studies

Elsa Joy Clarke
B.A. (Toronto)
Highest Honours in English

John Timothy Alfred Claydon Highest Honours in History Lainie Elissa Cohen Honours in English

Kathryn Anne Collinson Honours in Music and Sociology

Nancy Anne Marie-Flore Côté Honours in French and Sociology

Julia Catherine Cowan Honours in English

Peter Ryan Crane Highest Honours in English

William E. Currie B.A. St. Francis Xavier High Honours in English

B.A. (Carleton)
Honours in French

Valerie May Deans
Honours in Mass Communication

Wayne Philip Eagles B.A. (Carleton)
Honours in Music

Camielle Andrea Edwards Honours in History

Gordon David Elliott Honours in History

Steven James Endicott
Honours in Mass Communication

Michael Usher Ezri Highest Honours in History and Philosophy

A. George Martins Felizardo Honours in Mass Communication

Anthony Ferrari
Highest Honours in Mass
Communication and Political
Science

Robert Steven Flosman Honours in History

Christina Maria Forward Honours in English

Patricia Marie Furlong Honours in Linguistics

Katalin Irma Feher Füstös B.A. (Carleton)
High Honours in English

Gordon Drew Gadoury Honours in English

Robert Gamson Honours in History

Kathleen Gauthier Honours in French

Lara Michelle Giachino Honours in English

Shane A. Gibson Honours in History

Jennifer L. Gillard Honours in English

Nupur Gogia
Honours in Mass Communication
and Women's Studies

Eileen Ann Grady
Honours in French and Sociology

Lorrie Beryle Graham Highest Honours in English

Barbara Jane Greenwood Honours in English

Robert Dan Edward Hallett Honours in History and Mass Communication

Joanna M. W. Harvey Honours in English

Christopher J. P. Hernandez-Roy Honours in History

Keyhan Heydari Kalhor Honours in Music

Sally Anne Hickson Highest Honours in Art History and Italian

Heather L. Hodgins Honours in English

Brian Scott Huartson High Honours in English

Phillip Thoresby Kerr Hughes Honours in History

George R. Ingraham Honours in History and Political Science

Dorothy Jeffreys High Honours in History Joanne Frances Johnston High Honours in Canadian Studies and History

Paul J. Kelly Honours in History

Lori Lynn Kerfoot Honours in English

Jeffrey Lawrence Kerr Honours in History

Geoffrey Paul Kerslake High Honours in History and Philosophy

Terrence Kharyati
B.A. (Carleton)
Honours in English and Religion

Heather Kingston Honours in History

Sharon Louise Klassen
B.J. (Carleton)
High Honours in English

Diane Frances Kurtz B.A. (Carleton) Honours in History

Peggie A. Lafantaisie High Honours in Philosophy and Religion

Brenda Lafleur Highest Honours in Art History

Christine Lalonde Shewan Highest Honours in Art History

Jennifer Lynn Latham
B.A. (Dalhousie)
Highest Honours in English

Mark Leslie Lefebvre Honours in English

Miriam Lehman Honours in English and History

Chantal J. Leroux Honours in French

Alix Lise Letourneau
High Honours in Linguistics

Melissa Alexandra Karen Little Honours in English and Mass Communication

Elizabeth Anne Logue High Honours in English Neema Mugala Lukumbuzya Honours in Art History and Architecture

M. Angela MacDonald Highest Honours in Law and Religion

Dora Helena S. Mahler
High Honours in Mass
Communication and Political
Science

Glenn Michael Manarin B.A. (Carleton) High Honours in English

Christine Deirdre Marlin Highest Honours in English

William John Martin Honours in History

Peggy L. Matchim Honours in English

Julie Lauria Mathé Honours in French

Brendan Paul M^cCoy High Honours in History

Jodie-Lynne M^cCulloch Honours in English

Monna Leanne M^cDiarmid High Honours in English

Andria J. M^cKeown Honours in English and History

Markian Bohdan Melnyk Honours in Political Science

Susannah Barbara Mueller Honours in English

Timothy Martin Murawsky Honours in History

Randal D. Nairn B.A. (British Columbia) High Honours in Film Studies

Leanne Nash Honours in English

William George Nicholl
B.A. (Carleton)
Honours in English and History

Janette Marie Niwa Highest Honours in Mass Communication Wanda M. O'Connor Honours in History

Maureen Lynne O'Grady Honours in English

Monica Pantusa Honours in Mass Communication

Robert Gordon Parker High Honours in History and Political Science

Kathryn Elysabeth Payne High Honours in English and Women's Studies

Timothy John Peaker High Honours in English

Kristen Laraine Pederson High Honours in Interdisciplinary Studies

Kirsten Perreault High Honours in English

Cullen Bishop Perry High Honours in History and Sociology

Sharon Margaret Petrie
High Honours in German and
Political Science

Paula Piantoni Honours in History

Ourania Pittas
Highest Honours in Mass
Communication

M. Jennifer Priest Honours in English

Johanne Provençal Honours in English

Madeleine Denise Pulichino
B.Ed. (Montreal)
Highest Honours in English and
Italian

Jean Marie Reddington High Honours in English

Janet Michelle Redies
Highest Honours in English

Carol Reichert
Highest Honours in Mass
Communication and Political
Science

Bachelor of Arts

Trent Alexander Robinson
Highest Honours in English and
Sociology

Stephanie Ann Rogers Honours in Film Studies

Susan Elizabeth Ross High Honours in Art History

Graham Alfred Russell
High Honours in Film Studies

Donna Suzan Sacuta Highest Honours in Interdisciplinary Studies

Anita J. Scheel
High Honours in French and Music

Faydra Shapiro Highest Honours in Religion

Marc Joseph Shimwell Honours in Classical Civilization and English

Christopher Gerard Simboli
B.A. (Carleton)
Highest Honours in English and
Sociology

Silvia G. P. Sirotich
Honours in Mass Communication

Joel Shawn Skuce B.A. (St.Patrick's) Honours in English

Michael James Tattersall Honours in History

Emma Morgan Taylor
Honours in English and Mass
Communication

Tracey Lynne Taylor Honours in French

Communication

Michelle Elizabeth Thiébaud High Honours in History

Susan B. Tonna High Honours in German and Mass

Laura Nicole Townend Honours in Mass Communication

Margaret E. Toye Highest Honours in English

Stephen James Unruh Honours in English Shelina Virani B.A. (Carleton) Honours in History

Aurora L. Wallace
Highest Honours in Mass
Communication

Jeffrey Gary Wiggans Honours in History

Andrew Wilson
Honours in Interdisciplinary
Studies

Heidi A. Wintermeyer Honours in English

Ellen M. Wolper Honours in History

Allyson Marie Woodward Honours in English

James Richard Wylie
Honours in Mass Communication
and Political Science

John D. Yemensky
B.A. (Carleton)
Honours in English

Wendy M. Zatylny
Highest Honours in Mass
Communication

Leanne Marie Zorn B.A. (Carleton) Honours in English (Presented by Professor J.M. Yalden, Dean of the Faculty of Arts)

Awarded at the February Meeting of Senate

Phyllis Elizabeth Begg

Isabel Anne Black

Jeff Harold Blackadar

Jean-Guy Brin

Derrick Ian Burgess

D. Gregory Crossett

France Andrea Desfossés

Jo Ann Emmerson

Joan Gaynor

Maryam Ghaznavi

Glenna Halpin B.A. (Carleton)

Kelli Anne How

Anne Dunbar Imrie

Kathryne A. Jessup

Alastair Edward Johnston

Marc William Landry

John Michael Forster Legault

Philippe Gabriel Lucas

Patrick J. Marshall

Daniel Brent McCormick

Nicole Bernadette McHugh

Charlotte Ann Moleski

Mayumi Morita

Glenn Bruce Murdoch

Tara Andrea Nollet

Chantal Patten

John Alexander Pemberton

Christine Magdaelene Reshitnyk

Timothy Frank Richter

Marilena M. Brunetti Carol Anne Dodd Jeffrey James Scott B.A. (Carleton) Carole M^cWilliam Bruun Jason Paul Dodokin Maureen Cheryl Scully Lisa Marie Buttle Thomas James Donnelly Jennifer Lee Shallow Christopher Paul Campbell Chantal Alanna Downey Carolyn Sheila Shaw Heather Cathleen Campbell Ian Iansz Drent Pia Annie Madeleine Svedenius B.A. (British Columbia) John Joseph Carberry Susan Ducharme Vivian Szeto **Robert Francis Carey** Paul George Duchart William Albert Taylor Andrew Rawn Carr B.Th. (Queen's) Thomas Kenward Dumbrille Olinda Maria Casimiro Jennifer Beth Vineberg David William Ellen Mark Daniel Willock Jennifer Lynne Chalmers Edwina Mary Faith Elliott Awarded at the Lissa Marie Aline Champagne June Meeting of Senate Annemarie Suzanne Emond Theoharitsa Chatjiantoniou Stavroula Vivian Evangelidas Karen Elizabeth Anderson **Janet Ellis Chen** Gwynith Anne Evans Eleanor Bernice Ashton Alasdair Christie B.A. (Memorial) with distinction Catherine Lynn Chubey Erik Alexander Faure Todd Atkinson B.A.(Manitoba) Diane Tammy Fedorak Anne Barkworth Rebecca Clamp Paul Filion Ainsley Suzanne Barnes Barbara Ruth Clark Kelly Ruth Fines Lisa Elizabeth Beaton Matthew Robert Clark Tanya Dale Finestone Nancy Ann Bednarz David William Coates Michael Lawrence Finner Karen Louise Bell Caroline Rebecca Cohen Diane Estelle Fitzsimmons Helen Berry Leonardo Antonio Comunale B.A. (Carleton) Dianna-Lynn Fournier Sabrina Carla Blackler Katherine Maria Cook Gina Lynn Fredette Catherine Dow Blair Daniel James Cooke Hilde Friedl Gary Christopher Boegel Marilla Elizabeth Friesen Wode Peter Courchesne Andrea Karolin Bogyay Claudia Verónica Dauria Sandra Laureen Garnett Paula Margaret Bowers with distinction Joanne Kathryn Davis David B. Gillespie Heather Kathleen Bowstead-Wilson Michael William Davis Deborah Jill Gillissie Peninah Brickman Christina Marie Dawson Carolyn Sandra Goodfellow with distinction Valerie A. Delorey Stephanie May Goodwin Christine Vachel Brogan John David Dempsey William Robert Hall Karen M. Brousseau B.A. (Carleton) with distinction Irene DeRoy David Gerard Hallihan

Carrie Anne Deverell

Terrence Robert Brown

Douglas W. G. Kinzie Tindara Maria Merlo Robinne Joan Harcoff Caroline A. Migneault John Peter George Harley Frida Kolster-Berry with distinction Robert Hugh Millar Heather Lynn Harper Cynthia Toni Korycan Dip. Music (Carleton) Gordon Arthur Harrison Sylvia Grace Millward Paul Enrico Kostadimas Peter Christian Mitchell Sam W. G. Headge B.A. (Carleton) Susan Claire Heintzman Enrico Moretti Tania Kotelewetz Sean Michael Morrison Tobias Hoffmann with distinction Olga Lubow Kowalew Suzanne M. J. Mullins Nora S. Holly Elisabeth Johanna Kramp Shawn Aubry Murchison Lisa Anne Horan Jacqueline M. Lacey Laura Joan Murphy S. Nicole Hua Kam Christine Marie Levac Gray Myers Marie Gisele Linda Hunt Jin Hoe Lim Ravishankar Naimpally Michael J. Hussey **Kelly Linley** Jo Ann Nash Anne Ianiro Anne Linttell Barry Joseph Oliver Katherine Mary Jackman Marcus Victor Lotto Rita E. Olson Charles Jackson Denise Lozinski with distinction Daphne Carolyn Overhill with distinction Lalage Sarah Jackson Geoffrey Dickson Lupton Lisa Dawn Jenkin Sebastian Padova **Jason Gordon Macioge** Geoffrey Everton O'Neil Johnson Melanie Jaye Palenik Heather MacLean Dawn Elizabeth Palmer Susan Ann Jordan with distinction Douglas Andrew MacPherson Michael Gordon Peddle Sandra Judge-Gervais Norman C. MacQueen Denise Joleen Perreault Karthika Kadambari Ioan MacRae **Robert James Peters** Victoria Lynne Kalbfleisch Lisa Helen Majnarich Pierluisa Petrella Akiko Kamei Franco R. Manarin B.L. ((Gakushuin) Suzanne Gayle Pierre-Louis Bruce John Marshall Sanjay Kanhere Rene Roger Plaetevoet James William Marshall Stavroula Karvounis Sandra Erika Plavinskis Mary Kathleen Martin Anne-Marie Poirier Deborah Anne Kealey Kimberly Ingrid Masin John M. Keenan Robin Janet Pollak Kristen Elizabeth McCoy Margaret Ann Kennedy Dan Powell Everett F. M^cGuinty Gisela R. Kerr Derek Warren Puddicombe with distinction Ron M^cMahon Brian Norris Punter Margaret Lee Kinsman M. Lee M^cNaughton Brenda M. Pyle wth distinction

Lizanne Michelle McReelis

Mark Julien Quigley

Kish Jahan Qureshi

Christianne Ranger

Heidi Christine Rausch

Marnie Jane Richardson

Mirjana Risek

David Alexander Rishor

Antonina Rizzo

Susan Renée Robinson

Michelle R. Rogers

Caryn Jodi Roll

Michael J. P. Roy

Claire Salmon (Mention: français)

Jeanette Lori Salmon

Jennifer Joan Sayers

Leah-Anne Scott

Alka Devi Sharma

Merilyn Louise Shea

Wendy Jean Sheppard

Rhonda Lee Sibley

Sarah Leigh Slaughter

Michelle Lee Slugoski

Christi Smeathers

Cheryl Maureen Smith

James Grant Smith

Gayle Snyder

D. Scott Spooner

Rosemary J. Stanton

Karen E. Steiner Pratte

Sean M. Strevens

Elizabeth Ann Syms

Janis-Ann Kathleen Syversen

Melinda Miriam Szilva

James Christopher Taylor

Kerry Warren Timm

Michael Thomas Tremblay

Patricia Anne Trumpler

Andrew John Tulk

Ian William Tyson

Christine Marques Valente

Suzanne Gail Veh

Tracey Vieceli

David George Wainwright

with distinction

Frederick Robert Wallace

Kevin Scott Walsh

Jacqueline Anne Watt

Sharon Lynn Watters

Rachel L. Wauhkonen

Josephine Louise Waymark

Alyssa Rachel Weidman

Roberta Lynn Weir

Christopher L. White

Michael Cornelius White

Susan Ruth Whitteker

Beverley Esther Wigney

with distinction

James Alton Wilcox with distinction

Vida I. Williams

Kenneth Michael William Wood

S. Dawn Parthenah Wood

David Michael Woodward

Kevin Alexander Woolliams

Jennifer R. Young

Kim Zakaib

Angela Zenowski

Bachelor of Music
(with Honours)

(Presented by Professor J.M. Yalden, Dean of the Faculty of Arts)

Awarded at the June Meeting of Senate

Stephen John Fisk B.A. (Mount St. Vincent) Highest Honours

Michael Scott Gray with Honours

Nicholas Grew High Honours

Mary Magdalene Horman with Honours

Larry F. Reid
B.Sc.,B.Comm.,M.B.A (Manitoba), B.G.S.
(Brandon)
with Honours

Darren Robert Worrall with Honours

Diploma in Music

(Presented by Professor J.M. Yalden, Dean of the Faculty of Arts)

Awarded at the June Meeting of Senate

Diana Mary Zahab

Certificate in French Translation Studies

(Presented by Professor J.M. Yalden, Dean of the Faculty of Arts)

Awarded at the June Meeting of Senate

Michael Nasso

Sian Service B.A. (Carleton)

Certificate in the Teaching of English as a Second Language

(Presented by Professor J.M. Yalden, Dean of the Faculty of Arts)

Awarded at the February Meeting of Senate

Susan Lynne Donaldson B.A. (Queen's) B.Ed. (Toronto)

Maria Josina Afonso Rodrigues B.A.(Faculdades Integradas De Uberaba, Brazil)

Awarded at the June Meeting of Senate

Alison C. Arnot B.A. (McGill)

Carolyn Elizabeth Bond B.A. (Carleton)

Tracy Elaine Brown

Hilda M. Cowan B.A. (Trent), M.A. (New Brunswick)

Deborah Anne De Hetre B.A. (Carleton) M.A. (Trent)

Linda Gauthier Upton B.A. (Carleton)

Barbara Jean Greenwood B.A. (Carleton)

Maureen Elizabeth Kendall B.A. (Loyola)

E. Ann Craighead Lane B.A. (Simon Fraser)

W. Michael Leonard B.E.S. (Waterloo)

Susan Linda Logie B.A. (Carleton)

Christopher Edward Maguire B.A. (McGill)

Jeanne M^cKechnie B.A. (Guelph), B.Ed. (Ottawa)

Janet Elisabeth Meyer B.Sc. (Victoria)

Julie Anne Newlands B.A. (Queen's)

Marit A. J. Quist-Corbett L.L (Geneva)

Lynda Frances Richardson B.A. (Manitoba)

Margaret Richardson N.S.B. Sec. Admin. (Acadia)

Patricia Ann Scott B.A. (Carleton)

Elizabeth Spannbauer B.A. (Queen's)

Order of Proceedings

Frida	ıy,		
June	12,	10:00	a.m.

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- ☐ Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- ☐ Conferring of Degrees by Examination

Warrant Michel Gaulin, M.A., Ph.D. Clerk of Senate

- ☐ Introduction of the Medallists
 The Clerk of Senate
- Awarding of the Medals
 Dennis P. Forcese, M.A., Ph.D.
 Vice-President (Academic)
- Conferring of the Degree of Doctor of Laws,
 honoris causa, upon
 Nina Jerome Natawe
 (Presented by Marilyn E. Marshall, M.A., Ph.D., Professor of Psychology and Dean of the Faculty of Social Sciences)
- Convocation Address Nina Jerome Natawe
- ☐ Recessional Music

^{*}see page 8 for wording



Recipients of Degrees

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Eunjoong Kang

M.A. (McMaster), B.A., M.A. (Soong Jun, Korea)

Economics
The Factor Content of Trade
with Unequal Factor Prices
Supervisor: E.U. Choudhri

Herath Mudiyanselage Abeyrathna Herath

B.Sc. (Sri Jayardenepura, Sri Lanka), M.A. (Carleton)

Political Science Decentralization for Rural Development in Sri Lanka Supervisor: D. Rowat

Rukmani Jayaraman

M.A. (Carleton), B.A., M.A. (Mysore, India)

Political Science
The Operational Code Belief
System and Leadership
Behaviour: The Case of Indira
Gandhi
Supervisor: J. Sigler

Hans Paul De Groot

B.A., M.A. (Carleton)
Psychology
The Will-to-Believe: An
Investigation of Cognitive
and Motivational Determinants
of ESP Belief-Perseverance
Supervisor: N. Spanos

Maxwell Ivon Gwynn

B.A., M.A. (Carleton)
Psychology
Dimensions of Social Influence:
Interrogative, Hypnotic, and Social
Suggestibility
Supervisor: N. Spanos

Hilary Searles Iversen

B.A. (Guelph), M.A. (Western Ontario)
Psychology
Depression in Bulimia: The
Role of Self-Cognition
Supervisor: A. Blouin

Stuart Robert Allan

B.A.A. (Ryerson), M.A. (Carleton)
Sociology
'No Truth, No Apocalypse:'
Dismantling the Cultural Dynamics
of Nuclearism in Official and
News Discourse
Supervisor: J. Chevalier

Susan Wendy Strickland Binnie

B.A. (Cambridge, England), M.A. (Toronto)
Sociology
Explorations in the Use of

Explorations in the Use of Criminal Law in Canada, 1867-1892 Supervisor: I.R. Taylor

Awarded at the June Meeting of Senate

Franz Baumann

B.A., M.A. (Konstanz, Germany)
Political Science
The Bureaucratic State and
Economic Development in Nigeria
Supervisor: C. Brown

Danny Kin-Kong Lam B.A. (Waterloo), M.B.A. (Western

Ontario)
Political Science
Explaining Economic
Development: A Case Study of

State Policies Towards the Computer and Electronics Industry in Taiwan (1960-1980) Supervisor: K. McRae

Dani. II. F.

Danielle Ferron
B.A., M.A. (Ottawa)
Psychology
Changes With Aging in Right
Hemispheric Activation as
Reflected in Bimanual and
Dihaptic Task Performance
Supervisor: W. Webster

Miho Hotta

M.A. (Osaka, Japan)
Psychology
Fairness of Adjudicated
Allocations
Supervisor: W. Thorngate

Wagdy Loza

B.A. (Ain Shams, Egypt), B.A., M.Ed. (Queen's), M.A. (North Carolina Central University)

Psychology Effectiveness of the Wisconsin Case Management Strategies for Use with Canadian Offenders Supervisor: D. Andrews (Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Demetrius Anthony Kydoniefs B.A. (McGill)
Economics

Stephen Andrew Long B.A. (Carleton)
Economics

Michael Roman Fears
B.A. (Calgary)
Political Science
Extralegal Restrictions on Religious
Practice in the U.S.S.R., 1917-1953

David Scott Gambrill B.A. (Western Ontario) Political Science

Jennifer J. Hosten-Craig
B.A. (Carleton), B.Sc. (Ottawa)
Political Science
The Effect of a North
American Free Trade Agreement
on the Commonwealth Caribbean

Peter David Lindfield
B.A. (Carleton)
Political Science
Centrality and Contingency:
The Paradigmaticism of
Economic Growth

James Kevin Hill
B.A. (Carleton)
Psychology
Feasibility of Computerized
Psychiatric Screening Among
Coronary Heart Patients

Mary Chambers
B.A. (McGill)
Soviet and East European Studies
The Identity Crisis and
Decomposition of Solidarity
Poland: 1989-90

Karen Michèle Chojnacki
B.A. (Concordia)
Soviet and East European Studies
The Association of Northern
Native Peoples: A Case Study
of a Soviet Interest Group

Awarded at the June Meeting of Senate

Laurence Edward Grant
B.A. (Toronto)
Anthropology
Museum Policy, Museum
Practices and Cultural Change

John Charles Day B.A. (Carleton) Economics

Robert Todd Evans B.A. (Memorial) Economics

Irfan Ali Hashmi B.A. (Ottawa) Economics

Peter James Farris-Manning B.E.S. (Waterloo) Geography Ice Jam Detection and Flood Monitoring Using Airborne Synthetic Aperture Radar: Saint John River, New Brunswick, 1987

Charles Bruce Ferguson B.A. (Manitoba)
Political Science

Ian Gordon Loadman B.A. (Alberta) Political Science

Laurie O'Hara Brown
B.A. (Ottawa)
Psychology
Stress and Burnout in the
Canadian Federal Public
Service

Donna Rae Chernecki
B.A. (Winnipeg)
Psychology
Disrupting Holistic Word
Recognition: Evidence for
Word-Specific Visual Patterns

Gregory Lorne Craig
B.A. (St. Thomas)
Psychology
The Effect of Unattended
Digits upon the
Identification of an Attended
Letter: The Influence of
Letter-Digit Separation and
Physical Similarity

Adriane Martina Donkers
B.A. (Waterloo)
Psychology
Observer Accuracy in
Usability Testing: The
Effects of Obviousness of
Useability Problems, Prior
Knowledge of Problems, and
Training

Stephanie Alison Fortin
B.A. (York)
Psychology
Effects of Familiarity on
Inferential Comprehension:
Evidence for Strategy
Differences Between Good and
Poor Inferencers

Frances Margaret Hobbs
B.Soc.Sc., M.C.A. (Ottawa)
Psychology
Antisocial Personality and
Substance Use Disorders:
Effects on Criminal Career and
Recidivism

Lynn Echevarria-Howe
B.A. (York)
Sociology
Life History as Process and
Product: The Social
Construction of Self Through
Feminist Methodologies and
Canadian Black Experience

Jennifer Lonergan
B.A. (McGill)
Soviet and East European Studies

Bachelor of Arts (with Honours)

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the February Meeting of Senate

Saraswathi Basappa Honours in Geography

Ian Robert Baxter
B.A. (Carleton)
Honours in Geography

Paul Andrew Johnson Capon Honours in Political Science

Kevin Lloyd Dixon Honours in Economics

Gurdip Singh Ghuman High Honours in Political Science

Jennifer Lee Higgins
B.A. (Carleton)
Honours in Sociology

Mark Wilfred Hoekstra Honours in Psychology

Kristina Howe Honours in Political Science

Eva Doreen Lazar Honours in Political Science

Awarded at the June Meeting of Senate

Robert Clarence Ager B.A. (Western Ontario) High Honours in Economics

Julie Albert High Honours in Psychology

M. Bruce Anderson
B.A. (Carleton)
Honours in Political Science

Carolina Anton
High Honours in Anthropology

Marc Aubertin High Honours in Political Science

Tracy Aubin *B.A. (Carleton)*Honours in Political Science

Andrea Christine Bacchiochi Honours in Economics Paul W. Badertscher
B.A. (Carleton)
High Honours in Political Science

Cindy Lee Baker Honours in Economics

Tracey Leah Baker Honours in Geography

Kimberly Suzanne Ball Honours in Geography

P. Dale Barry
Honours in Geography

Stephen Beaudoin High Honours in Law

Danielle Anne Belleau Honours in Psychology

Richard Harry Benn Honours in Economics

Marc Leo Bereza
High Honours in Law and Political
Science

Shayne Dean Berthaudin B.A. (Carleton)
Honours in Law

Stephen Leo Berube Honours in Political Science

Stacey H. Beumer Honours in Economics

Stephen Andrew Bickerton Honours in Economics

Mark Anthony Billings Highest Honours in Political Science

Monica Rose Bischof Honours in Psychology

Eva Lynn Bissonnette
B.A. (Carleton)
Highest Honours in Psychology

Derek Olivier Blair
B.A. (Carleton)
Highest Honours in Anthropology

Joseph J. Boudreau Honours in Psychology

Connie Ann Boynton
B.A. (Carleton)
Honours in Economics

Hans-Adalbert Braeuel
D.P.A. (Carleton)
High Honours in Geography

Nadia Brault High Honours in Anthropology

Peter Woollatt Breeden Honours in Psychology

Daniel E. Brennan Honours in Law

Lane Martin Brennan
B.Sc. (Carleton)
Honours in Economics

Gerald William Brinkman Honours in Biology

Shelley R. Briscoe Honours in Psychology

Shelley Lynn Brown Highest Honours in Psychology

Athena Despina Buckthought B.Sc. (Carleton)
Highest Honours in Psychology

Gordon R. Bulmer High Honours in Economics

Cherda Elizabeth Burgin Honours in Sociology

Dwayne F. D. Bushey Honours in Economics

Carri-Ann Candusso Honours in Psychology

Monique Carle Watson B.A. (Carleton), B.A. (Montreal) Honours in Law

Lisa A. Carlucci Honours in Geography

Kristin Renée Champagne Honours in Biology

Ian Franklin Chodikoff
B.A. (Western Ontario)
High Honours in Political Science

Paul Churcher
High Honours in Geography

Leontine Claassen Highest Honours in Soviet and East European Studies

Jennifer Grace Cluff Honours in Sociology Lucas Andrew Corwin
High Honours in Political Science
and Sociology

Giacinto Costanzo Honours in Sociology

Bessie Sojourner Crafts
High Honours in Anthropology

William A. Cranston
B.A. (Carleton)
Honours in Economics

Stephanie Jane Cristina Highest Honours in Psychology

Saskia Margot de Morée Honours in Soviet and East European Studies

Richard Wayne De Rooy Honours in Psychology

Rajeev Harsha Dehejia Highest Honours in Economics

Hugh Allen Dessert Honours in Political Science

Raffaele Di Girolamo Honours in Economics

Colin Dickinson

B.A. (Carleton)

High Honours in Political Science

Julie-Anne Dinelle Honours in Geography

Brian James Donlan High Honours in Political Science

Carla Ann Doucet
B.A. (Carleton)
High Honours in Law and Political
Science

Richard Allen Dufeu Honours in Geography

Sean Orville James Dunnigan Honours in Economics

Souhaila Lynn Elkateb Honours in Economics

Christopher Ethier
Honours in Economics

Sara Eyvindson
High Honours in Economics

Laura Finkelstein
B.A. (Carleton)
High Honours in Political Science

Brian Albert Francis Honours in Geography

Jeffrey Fritzsche Honours in Geography

Richard James Fullerton B.A. (Carleton) High Honours in Law

Anna Marie Gardin Highest Honours in Psychology

Richard B. Gelder
Highest Honours in Political
Science
(Mention: français)

Daniele Marie Louise Gelinas Honours in Psychology

Ekundayo Babatunde George Honours in Sociology

Theresa Mary Gill Honours in Sociology

Michelle Lee Gregory
Honours in Law and Psychology

Wendy Ann Greidanus Honours in Geography

Steve Bruce Griffith Honours in Soviet and East European Studies

Stephen Andrew Grodzinski Honours in Political Science

Tomas Hala
B.A. (Carleton)
Honours in Soviet and East
European Studies

Steven A. Hall
Honours in Political Science

Derek Allan Harrison Honours in Psychology

Sarah Frances Emily Harvey B.A. (Ottawa) Honours in Law

Nizam-u-din Hasham High Honours in Political Science

Mirja Elina Hellstedt High Honours in Geography Christina Susan Hicks Honours in Psychology

Terrence Matthew Houlahan B.A. (Carleton)
Highest Honours in Geography

Kevin Thomas Hughes Honours in Soviet and East European Studies

Karen Huibers
Honours in Law and Psychology

Maria Iaderosa Honours in Law and Sociology

Patricia Ann Jones B.A. (Carleton) Honours in Political Science

Louis Rolf Kabesh
B.A. (Carleton)
Honours in Economics

Cheryl M. Kamibayashi Honours in Psychology

Julie Ann Keith
B.A. (Carleton)
Highest Honours in Sociology

Mark Kelz Honours in Psychology

Teresa Mae Kenny High Honours in Psychology

Christopher Harry M. Killam Highest Honours in Geography

D. Brent Lahaise Honours in Geography

Frederick Joseph Laphen Honours in Psychology

Danny Gilbert Le Roy
High Honours in Economics

Elaine Leduc
Highest Honours in Mathematics

Douglas Robert Lesperance Honours in Political Science

Jeffrey Trevor Logan Honours in Geography

Stephen Albert Lovshin Honours in Geography

Sari Päivi Susanna Luoma Honours in Economics and Political Science

Bachelor of Arts

Michael John Lupenette Honours in Geography

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the February Meeting of Senate

Emelia Agyeman-Prempeh

Jirah Awwad

Akinsanmi Francis Ayeni

Stephanie Monica Ballantyne

Scott Donald Belisle

Robert Michael Benjamin

Yolanda Anne Berghegen

Andrew P. Berlanda

Lisa Anne Bielecki

Paul Gerald Boileau

Michelle Denise Boudreau

Jordan Alexander Britnell

Lisa Anne Byrne

Siew Fung Zoë Chen

Terry Michael Cheslock *C.L.E.S.* (*Carleton*)

Chi Kan Chung

Philip Thomas Clarke

Kevin Joseph Colbourne

Susan Karen Cole

Thomas Andrew Cormier

Adrienne Destounis

Hardy H. T. Diec

Anne Mary Dixon

Roxanne Christine Dompierre

Robert William Dowell

Eric Dubbeld

John Duncan C.L.E.S. (Carleton)

Marjorie Mary Facette

Ian Russell Forbes

Kelly Mace Ford

Paul Michael Fraser

Rosemarie Galunic

Sandra Ellen Garnett

Jennifer Anne Graham

Tara Naomi Guptill

Kristin Nicole Hanson

Shigeo Hatada

Victor Chi Kwun Ho

Victoria Jean Hornick

Fabian Robert Howard

Sik Lai Hui

Danielle Colleen Ingram

Karen Irving

Kurtis Bruce Jacobs

Anne-Marie Stella Joachim

Helen Mary Kiss

Gray Maria Knight

Josée D. Knight

Paige Ellen Knudson

Patricia Kurdyla

Yeuk Kam Lawrence Lai

Lisa Marlene Larocque

Wing Keung Lau

Renée C. M. Lefebvre

Jovy Leung

Jane Elizabeth Logan

Awarded at the June Meeting of Senate

Patricia Lynn Abbott

Naser Abdelkarim

Donna Acheampong-Mensah

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Irem Fatma Cataloglu

Paul L. Blom

James Gillier Edwards Sheila Diane Cummings Alison Mary Galloway Tara Cunningham Robert Charles Elliston Sebastian Gamble Henry Valente Dacosta Lori Ann Engler Angelo Gatto Kevin James Dahl June Elaine Ennis-Smith Michelle Marie Gavin Maria-Silvia Généreux Geoffrey Andrew Davey Mark Andrew Ernst Jennifer Ruthe Davies Tara Irene Kathrine Fagan Amelina Gerebizza Elizabeth Ann DeKoster Luis Rodrigues Faria Lisa Robin Gilbert Rhonda Joyce Delfino Patrick Rene Farrell Marisa Christina Gileno Stephen Della-Casa Dwayne Lorne Farrow Bhupinder Singh Gill Analisa Maria Delmas Roxanne Andrea Faubert Sherri Leigh Giraldeau Holly P. Glass Connie Marie Delooze Matthew S. Felker Darren Richard Derrick Anita Fernandes Karen Anne Gormley Shelly Anne Desiardins William A. Field Annette Marie Gover Leora DesRuisseaux Mario Patrick Joseph Filice Julie-Ann Gray David J. Devine Paula Mary Finlay Steven Corey Greenwood Iodi Ann Devlin Linda Maria Fisher David Martin Gregory Suzanne P. Dew Susan Elizabeth Fitch Marian J. Gregory Peter E. Dewsnap Nancy Pierrette Fitzgerald Jean-Paul P. Guay Astrid Di Labio Carrie Lynn Fleury Charles E. Gudgeon Laura Marie Dietrich Randy Fontaine Roxanne Lisa Guergis Alan John Dillabough Donnalyn Ellen Forbes Janet Elizabeth Guy B.A. (Carleton) Ashley Alana Deborah Doiron Steven Forsythe Alan Anthony Haché Louise Margaret Donnelly Deborah Lynn Foster B.Ed. (Alberta) James Christian Rowland Hall Dawn Elena Dorigo Donna Fotia Scott W. Halpenny Caroline Dougal Christopher Ronald Fournier Leigh Ann Hambly **Barry** Doyle Scott Allan Hamilton Karl Christopher Fracke Robert Alexander Drummond B.A. (Carleton) Krista Leah Hammett David John Franks Carmela Franze Arthur H. Harris James E. P. Duffy Kevin William Harrison Lisa Anne Dulude Ian David Fraser Mary Alice Catherine Hayes Barry Stephen Dupont Marie Berthe Nathalie Frenken Kirk D. Durnford Linda Grace Hayfron-Benjamin Peter Eric Gabriel Christopher John Edwards Caroline Gaffney Bethany Rochelle Hedley

Beverly Sue Heggart Tracey Johnson Reinhard Krupp Rodney Paul Helal Daniel Reginald Jones Brian M. G. Kulchycki Maureen E. Henderson Tanya Pauline Jones Atul Kumar Nancy Jill Hepburn Karl E. Jorssen Sandra Jean Kuntze Kurt Ronald Herman Gregory Paul Labonté Kurt S. Jorssen Ian David Herr Josephine D. Kahama Mark Alfred Lacey Adèle L. Hession James Ronald Kaine Melanie Lachapelle with distinction (Mention: français) Robert A. Kamen George Scott Laird Peter Karl Hewer John G. Kane B.A. (Ottawa); M.Div. (Regent College) Margaret Susan Lam Lesley Anne Kathnelson Carolle Christine Hilton Jason V. Lancaster Jason David Kays Yuri Hiravama Kathleen Lanoue B.A. (Japan Women's University) Darrell Lee Kekanovich James E. LaPalme Thomas Reuben Hofmann Kevin Michael Kelly Michael I. Larose Andrea Catherine Holmes Sharryn P. Kelly Cheryl Lathrope Ian Michael Holmes Christopher Kennepohl Deborah Kelly Latreille Mark Lewis Hooper Mona Khan Neil Jules Lauzon Morgan Elizabeth Hopkins John Micheal Kiely Stefanie Irene Layton Randall Paul Hosack Christopher Dean King B.A. (Carleton) Jenifer Mena Hostrawser Lisa Michele Leachman Lisa King Mark Richard Howard Stephanie Anne King Corey Chun Leung Lee Kathy M. Howes Peter E. Lees Graham Robert Kingma Michael Rene Hradecky Trish Kingston Stacey Dyann Lehr Paul Stephen James Huddleston Eric Karl Kirchmayr Stephanie Dawn Lehr Craig Stephen Hunter Edward Gerard Lemmermeyer Anita Kirk Geraldine May Hysert Michele Lynn Klein Darren Edward Leon Donald Ianiro Lorie Knox Leanda Louisa Leprohon Gregory Joseph James Yam Hean Kong Tracy-Lynn Colleen Leroux B.A. (Carleton) Marlyn Ann James Joanne Lynn Levasseur Joanna Siu-Ling Koon Sandra Elizabeth Janes Lorie-Ann Levesque Manharjit Singh Kooner Jarek Peter Jarosz Kerry A. Liberty with distinction Sol Michael Korngold Rosetta Licandro Tine Jensen Alexander Ardashes Koundakjian Lisa Andree Lindhard Judith Kay Jessop Heather Anne McNeill Krull David John Lindley Brian Leroy Johnson

Holiday Little

Patrick Pak Chuen Lo

Scott Gregory Lockwood

Ian Hugh St. George Lodge

Mark Douglas Lowes

Deborah Elaine Ludlow

Liisa Ann Luhta

Nelson Luk

Christa Amy Lyons

Lorna Melody Lyttle with distinction

Order of Proceedings

Frida	ıy,		
June	12,	2:00	p.m.

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- ☐ O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- Conferring of Degrees by Examination

Warrant Michel Gaulin, M.A., Ph.D. Clerk of Senate

- ☐ Introduction of the Medallists
 The Clerk of Senate
- ☐ Awarding of the Medals Dennis P. Forcese, M.A., Ph.D. Vice-President (Academic)
- Conferring of the Degree of Doctor of Laws,
 honoris causa, upon
 H. Scott Gordon, A.M., Ph.D.
 (Presented by Thomas K. Rymes, M.A., Ph.D., Professor of Economics)
- ☐ Convocation Address H. Scott Gordon
- ☐ Recessional Music

^{*}see page 8 for wording



Doctor of Philosophy

Master of Arts

Recipients of Degrees

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Louis Massicotte

B.A., M.A. (Laval)
Political Science
Un Parlement Provincial en
Transition: Le Cas du Québec
(1867-1990)
Supervisor: R. Jackson

Richard Gerard Saunders

B.A. (St. Francis Xavier), M.A. (Queen's)
Political Science
Information in the Interregnum:
The Press, State and Civil Society in
Struggles for Hegemony,
Zimbabwe 1980-1990
Supervisor: L.K. Mytelka

Sandra Leigh Whitworth

B.A. (York), M.A. (Carleton)
Political Science
Feminism and International
Relations: Gender in the
International Planned
Parenthood Federation and the
International Labour Organization
Supervisor: J. Jenson

Georgios Odysseus Tsobanoglou

B.A., M.A. (McMaster)
Sociology
The Political Sociology of a
Labour Reserve: Post-War
Northern Greece and the
Federal Republic of Germany
Supervisor: A. Podgorecki

Awarded at the June Meeting of Senate

I. Prakash Sharma

Dip. (Heidelberg, West Germany), M.A. (Carleton)

Economics
Import Quota and Product
Quality: The Case of Canadian
Clothing Industry
Supervisor: E.U. Choudhri

Lois Rosine

B.A. (Winnipeg), M.A. (Manitoba)
Psychology
The Impact on Correctional Officers
of Exposure to Critical Incidents
Supervisor: D. Andrews

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Joel David Reimer

B.Th. (Canadian Mennonite Bible College),
B.A. (Waterloo)
Anthropology
International Development and
Siyad Barre's Somalia:
Economic Orientalism

Karen Linet Nginda B.Soc.Sci. (Ottawa)

Economics

Kevin Eric Patzer B.A. (Manitoba)
Economics

Linkages

Ingrid Pongratz
B.A. (Guelph)
Geography
Development of the
High-Technology Sector
Through University-Industry

Terry John Pultz
B.A. (Carleton)
Geography
Soil Moisture Estimation
Using Ground Scatterometer
Data: Evaluation of the
Potential of ERS-1, JERS-1

and RADARSAT

Mike Byton Musaka
B.A. (The Polytechnic, Huddersfield),
M.A. (Bradford)
Political Science

Adi Lea Waksman B.A. (York) Political Science

John Matthew Walsh B.A. (Roberts Wesleyan College, New York)

Political Science

Daniel Joseph Tupling
B.A. (New Brunswick)
Psychology
A Study of the Equivalence of
Two Serial Learning Tasks
with Younger and Older Adults

Caitlin Pollock
B.A. (Dalhousie)
Soviet and East European Studies

Kevin G. White B.B.A., B.A. (New Brunswick)

Soviet and East European Studies

Awarded at the June Meeting of Senate

Shawn T. Malone

B.A. (Carleton)
Anthropology
From Paradox: Towards an
Anthropology of Experience of
Field Work

Steven James Strang

B.A. (Carleton)
Anthropology
O'Neill's Cavalcade: The Nature
and Functions of Provisional IRA
Terrorist Performances

Terri Markle B.A. (Carleton) Economics

Roger A. Roberge B.Soc.Sc. (Ottawa) Economics

Bill J. Mulcahy B.E.S. (Waterloo) Geography Environmental Advocacy: A Case Study of Interest Group Behaviour in Ontario

Anthony Mancini

B.A. (York)
Political Science

Zohar Bendavid-Streiner

B.A. (The Hebrew University of Jerusalem)
Psychology
Daughters of Immigrants:
Between Two Worlds

Ian Ernest McKenzie

B.A. (Ottawa)
Psychology
Psychometric Correlates of
Behavioural Impulsivity in
Adult Male Criminal Offenders

Kathryn Jill Oakley-McKeen

B.A., B.A. (Ottawa)
Psychology
Semantic Congruity and Age
Comparisons: Towards a Theory
of Psychological Age

Tracey Lynn Semeniuk

B.Sc. (Alberta)
Psychology
Practice Effects and Lateral
Transfer of Training

Joe Shebib
B.A. (Carleton)
Sociology
Skill and Wages: The
Implementation of Equal Pay
for Equal Value in the
Federal Public Service

Bachelor of Arts (with Honours)

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the February Meeting of Senate

Fraser Todd Macdonald
High Honours in Political Science

C. Darcy McCully
Honours in Economics

Geraldine Moss-Norbury B.A. (Carleton)
Honours in Law

David Joseph Ridgeway
Honours in Law and Psychology

Terry Patrick Seeney
High Honours in Political Science

Patricia Rosalinda Serrao Honours in Anthropology

Stephan Stenson Honours in Economics

Lynn Theresa Vinet
Honours in Political Science

Colin Kenneth Webster
Honours in Economics

Awarded at the June Meeting of Senate

Tyson Macaulay
B.A. (McMaster)
High Honours in Political Science

Ralph Coleman MacDonald B.A. (P.E.I.) High Honours in Geography

Renée S. MacPhee Honours in Psychology

David Brian Mahal Honours in Geography

Julian David Mais High Honours in Biology

Jeffrey Raymond Marchand Honours in Economics

Wendy Marsh Highest Honours in Psychology

Diane Gwyn M^cDonald Honours in Law and Political Science D. Michael M^cInerney Honours in Geography

Daniel Patrick M^cNeill
Highest Honours in Soviet and East
European Studies

Michelle E. Menard High Honours in Psychology

Christine Elisabeth Merminod Honours in Anthropology and Geography

Fiona Miller
B.J. (Carleton)
High Honours in Political Science

Karyn Tracy Mills B.A. (Carleton) Honours in Sociology

Brian John Monk High Honours in Law

Wendy Norma Moody B.Com. (Carleton) Honours in Economics

Mary Helena Victoria Mowat Highest Honours in Psychology

Jennifer Leanne Mustard Honours in Psychology

Grant Dean Myers
Highest Honours in Anthropology

Stephen Nathan Nancoo B.A. (Carleton) High Honours in Psychology

Allison Michèle Neapole Honours in Political Science

Thuy-Y Nguyen Honours in Economics

Vu Nguyen Honours in Economics

Frederick Joseph Nieto Honours in Economics

Edward Nicholas Norcott Honours in Geography

Lynne Margaret Nussey Honours in Psychology

Erin Gayle O'Shaughnessy Highest Honours in Geography

Janet Lorene Olson High Honours in Anthropology Cherie Lucille Marie Orr High Honours in Geography

Andrew James Otto
Highest Honours in Political
Science

Nadina Ouaida Honours in Psychology

Sheneeza Ara Ramona Pancham Honours in Psychology

Bryan James Parlee Honours in Geography

Jeffery Edmond Payne B.A. (Carleton) Honours in Law

David M. Pentland Honours in Political Science

Louis Perron
B.Sc. (Carleton)
Honours in Economics

Tracy Ann Perry B.A. (Carleton)
Honours in Law

Jason C. Pfotenhauer High Honours in Geography

Saskia Barbara Pollock-MacHattie Honours in Sociology

Robert Thomas John Powell Honours in Economics

Steven A. G. Priddle Highest Honours in Law

Jacqualyn M. Proctor Honours in Psychology

Diane Elizabeth Reed Honours in Psychology

Catherine Reekie High Honours in Sociology

Steven Elliot Reisler Honours in Psychology

Mariella Ricchezza Honours in Anthropology

Darlene Kim Rivers
High Honours in Psychology

David Mark Routliffe B.Sc. (Carleton) Honours in Economics Paula Adele Ruicci High Honours in Psychology

Kumar Saha High Honours in Economics

Aleyamma Mathew Samuel B.A. (Carleton)
High Honours in Law and Sociology

Evelyn Sankey
High Honours in Geography

Pino Scaramozzino
Honours in Geography

Tammy Schulz
High Honours in Political Science

Mark Alan Scott Honours in Geography

Mary Seus
B.A. (Carleton)
Honours in Political Science

Seine Shetty
Honours in Law and Political
Science

Joseph Jorge Silva Honours in Political Science

Jeffery B. Smith
Honours in Law and Sociology

Laura Anne Edith Smith Honours in Geography

Stephen William Smith
High Honours in Geography

Susanne Maria Soederberg Honours in Political Science

Garry David Spence
High Honours in Psychology

Janet Roberta Steele Highest Honours in Law

Margaret Ellen Stephenson
B.A. (Carleton)
Highest Honours in Psychology

Natalie Louise Stirling Honours in Political Science

Samantha Lee Switzer Honours in Law

Beatrice Szalas Honours in Law

Bachelor of Arts

Thomas Ensio Szanto Honours in Political Science

Danielle Anne Takoff
Honours in Political Science

Domenica Tatasciore Honours in Geography

Allan P. Thompson
Honours in Economics

Paula Lynne Thompson High Honours in Soviet and East European Studies

Paula J. Thomson Farrell B.A. (Carleton)
Honours in Anthropology

Angela Tirabasso High Honours in Psychology

Estelle Jane Toomey Honours in Political Science

Emmanuelle Tremblay
High Honours in Soviet and East
European Studies

Nicole Aline Turenne Honours in Geography

Michael John Velichka Honours in Psychology and Sociology

Angelo Joseph Daniel Volpini B.A. (Carleton)
Honours in Geography

Kimberley Dawn Wadden Honours in Political Science

Heather Mary Waite
High Honours in Anthropology

Elaine Michelle Walker
High Honours in Geography and
Law

Laura Louise Walker Honours in Psychology

Debra Jean Wallingford High Honours in Law and Sociology

Regan Ivan James Warner Honours in Geography

Steven Edward Whittle Honours in Economics Tisha Wilkinson
Highest Honours in Geography

Deborah Jane Williams
Highest Honours in Geography

Gary Norman Wilson Highest Honours in Political Science

Andrew J. Wood Honours in Geography

James Frederick Wright
Highest Honours in Geography

Jennifer Wylie
Honours in Law and Psychology

James Michael Yaraskavitch
B.A. (Carleton)
Highest Honours in Sociology

(Presented by Professor M.E. Marshall, Dean of the Faculty of Social Sciences)

Awarded at the February Meeting of Senate

Derek Ma

Laurie Ann MacCrimmon

Charles Richard MacDonald

Deborah Anne MacKenzie

Raymond Lloyd MacKenzie

Lynda Jean MacPhie

Susan Elaine Mann

Avril Marie McIntosh Cert. (Univ. Hosp., West Indies)

Shannon P. McTaggart

Helen Joanna Meinzinger

Gus Menna

Marisa Lydia Adriana Micucci

Monique Michelle Miron

Susan A. Moggridge

Andrei Mokievsky-Zubok

Kin Tak Eddie Mon

Janice Lee Moor

Stephen Richard Moore

Natalie Georgia Morgan

Sian Andrea Morris

Jennifer Susanne Muncaster

Geoffrey Stephen Murphy

Lianna Catherine Nelles

Joseph Donat Mario Parent

Janet Karen Pederson

Barbara Anne Phillips

John Anthony Pirnat

Peggy Posch-Riopelle

Janet Lynn Ripping

Steven Jon Robertson	Awarded at the June Meeting of Senate	Paul Richard M ^c Guire
Paul William Rothery		— Andrew Kelvin M ^c Gurn
Nelson William James Rowan	Donna Maria Maalouf	Shauna Lynne M ^c Intosh
Shalini Sahni	Donna Mary Stella Mac Millan	Thomas Edward M ^c Kenzie
Idil M. Salah	Mark Andrew MacDonald	Karen Patricia M ^c Kernan
B.A. (Poona, Pune, India)	William Bruce MacFarlane	Marnie Louise M ^c Laughlin B.A. (Carleton)
Dominic Edwin Sanders	Bradford M. Mackay	
Tiffany Albertine Scott	Paul William Mackle	Scott M ^c Laurin
Michael Allan Seed with distinction	Jason Alexander MacNeil	Sonia Ruth McLay
Charles I. Shabsove	Denise Magar	Casey Mark M ^c Lean
Kimberley Ann Showers	Samantha Magee	Jamie Duart M ^c Lean
Danielle Eva Solimka	Colleen L. Malcolm	Donna Lynn M ^c Leish
Matthew Pierce Steedman	Brian Richard Manzel	Natalie M ^c Leod
Sandra Stone	Liane Janine Marriner	Michele Manon Merler B.A. (Carleton)
B.S.Sc. (Ottawa)	Panzeeta Evadne Marshall	Jennifer Ann Metcalfe
Nathalie Stringer	Lori K. Martin	Katherine Jean Metrow
Shamila Tabe-Mohammadi	Sheila Jane Martin	•
Armando Taddeo	Steven M. Martin	Philip John Middleton
Ellen Virginia Taylor	Tracy-Lauraine Martin	Angela Mills
Valerie Thorpe	Lori Kathleen Mason	Lloyd Stuart Mills with distinction
Bernadette Marie Tracz	Brenda Marie Massey	Glenn William Mishaw
John Michael Trstenjak	Barbara Louise Matthews	Deborah L. Moffatt
Richard D. Valois	Ruth Elizabeth Matthie	Jody R. Mogenson
Stephanie A. J. van Vliet B.A. (Carleton)	Douglas W. May	Sara Mohsin
C. Greg Vanderburgh	Siobhan McAneney	Anna Alexandra Monaco
Linda Ann Vanderlee	Marilyn M ^c Auley	Daniel James Moorcroft
	John David M ^c Avoy	Kerry Lynn Moran
Mark Allan Williams	Michael Joseph M ^c Cann	Viliam Moravek
Nancy Lynn Williams	Denese Michelle M ^c Cormack	Sherry Pamela Morphy
Stephen Williams with distinction	Michael John M ^c Dermott	Timothy H. Mosser
Andrea Williamson	Kevin Patrick McDonough	Lisa Beth Mountain
Lui Ming Yam	Dianne Murray M ^c Gill	Jennifer Lynn Mulligan
Ulric Anderson Yearwood	Patrick J. M ^c Glade	Mark Erik Munsterhjelm
	attick j. W. Stade	,

Tracy Ann Murdoch Shirin Rose Parshad Llewellyn Brent Priestley Michael Timothy Murphy Paula Sue Partridge Tonya Kathrine Proctor Ian David Murray Melody Joy Paruboczy Mary Elizabeth Proulx with distinction Kimberley Ann Murray Alexander Stanley Payne B.A. (Carleton) Peter L. Pulsifer Steven Gerald Muscat Beverly Gail Payne Linda Ann Quigley **Iody Dennis Myles** Sarah Kathryn Peddie Dale George Quiring Roger Brian Nandlal B.A. (Carleton) Andrea Kirstin Pedersen Marianna Racco Michelle Lamon Nash Monica Jane Peirson Maria Hernanie Ragudo Michelle Mary Carolyn Naughton Joseph Nicolas Eric Pellicano D. Bradley Ralph Dorothy A. Penney Nancy M. Ramalho Kevin Dale Neeley Sharon Mariann Ranalli Ionathan Nelson Cynthia Perkons with distinction Rodney Lee Nelson Paul William Thomas Randall Nancy Petrocco Stephen C. Rathwell Ki Tsun Anthony Ng William John Pettit with distinction Michael Man Chung Ng B.A. (Carleton) David Allen Phillips Stephanie Ann Ray Todd J. Nogier Iane Phoenix Glenn Augustine Redmond Heather Anne O'Brien Jennette Catherine Pierce David James Reesor Karen Ann O'Brien Antonio I. F. Pimentel Kelly Ann Reid Shelly Lyn O'Brien Kimberley Anne Pinkham Kurt Alexander Repple Catharine Mary O'Connor **Janet Elizabeth Pitcher-Wintour** Geoffrey Douglas Rice Elizabeth Lee O'Driscoll John Plow Pauline Mary Richards B.A. (St.Patrick's) Jim Gilbert Plumb Tracy Leigh Riddell Catherine O'Grady C.L.E.S.. (Carleton) Natasha Leigh Robb Michael Robert O'Neill Darren Dougal Pohl Lorelei Marjorie Roberts Kevin Gregory O'Shea Steven Vincent Pokotylo Eoghan Drummond Robertson Santiago Miguel Ochoa Parra Boris Vladimir Polianski with distinction Janine G. Robinson Aussant Sherman Siu Ming Poon Catherine Margaret Oddy Steve Michael Rock Lauren Marie Porteous Stephen Patrick Oddy John Christopher Roddis Maria Poulimenakos Kristine-Lee Olsen Krista Michelle Roman Heather Lynn Poulsen Antonella Rita Catia Orlando Sean Rowley Scott James Powell David Ian Ormondroyd Bruce Trevor Roxburgh Irene Preklet Ann Rose Palmer Robert Christopher Rusynyk Karen Beverley Prentice Apryle Doreen Papaleo Deborah Louise B. Ryan

David Stanley Targon Eric E. Smith Thomas Jason Ryan C.P.S.S. (Carleton) Catherine Tattersall Belinda Sharon Salmon Hayley Elizabeth Smith Larry Walter Raymond Sampson Faelyne Templer C.L.E.S. (Carleton) Marilyn Colleen Smith-Bregg (Mention: français) Christopher Peter Smysnuck Cheryl-Lynne Teskey **Jeffrey Clayton Sandy** Tracy Lee-Anne Snyder Peter Franz Thierfeldt June Savage Matthew G. Sorley Stéphane J. Savard Reid Emerson Thompson with distinction Pauline June Sawyer Thomas Mercer Thompson Natasha Cristine Sorokan Holly Helen Schuler Ramesh Eshton Tissaaratchy Norman Xavier Sotelo B.A. (Carleton) Deborah Lynn Schwartz David Farrell Sotvedt Valerie Sheron Todd B.Comm. (British Columbia) Craig Lindsay Scott Michael Joseph Toth David Kirk Spencer Walter Eric Scott Steve A. Toth Angela Marie Splinter James Ray Scratch Jean Paul Town **Iames Sevazlian** Gordon Joseph Srdoc Andreas F. Trau Jason Stephen Seymour Patti Jane Stanley with distinction Carolynn Marie Treffers Allan William Shanks with distinction Shawn Stanley David Eric Shaolian Nicole Ann Tremblay Marc Gregory Steenbakkers with distinction Minh Quang Trinh Sean Cameron Sharkey Kristine Steffner Michael Trought **Anthony Wesley Shaw** Connie Lynn Stevens David R. Try Marilyn Christine Stock Glenn Sheen with distinction Kazuo Tsukada Giuseppe Sicoli L.L.B. (Tokyo Metropolitan, Japan) Randy W. Stockdale **Timothy Ross Simmons** Moira Elaine Tunbridge Lisa Anne Stogwin Janice Margaret Simon Joan Claire Turnbull Andrew Frank Stopa B.A. (Carleton) Robert W. Simpson Pimthow Subhavanich James Vajionis Cari Lea Sinclair Robert Andrew Sullivan Martine Mary Valentine Shem Singh with distinction John Gabriel Vamos Catharine Anne Symons Bintang Vera Christina Sitanggang Mark Van den Berg Victoria Szakter Gwyneth Ann Sitch with distinction John Jesse Van Massenhoven Chun Tam David Ben van Riel Karen Geraldine Skelly Sze Wan Sylvia Tam Shana Courtney Van Riet Paap Tammy Lynn Skomorowski Ellen Pao-Tzu Tang Dennis Edwin Allan Sloan Paul L. Verkuyl Lakshmi Lata Tangudu

Laurie Anne Tapp

Cameron Craig Smith

Pete Alex Veurtjes

Michael Andre Vezina

Cheryl Maureen Zacharie

Richard Charles Vrana

Tomasz Zelechowski

Lien M. Vu

Kevin G. Wallace

Eddy William Thomas Walsh

Liam Garrett Watkins

Mahalia St. Debra Watson

Catherine Angela Watters

Alan Webb

Jody Weeks

Timothy John Westover with distinction

Peter C. Wheeler

David Andrew White

Karen Ann White

Jay C. M. Whitehorn

Mark Edward Whitton

Tracey Lynn Wickenden

Michael J. Wilkinson B.Th. (Eastern Pentacostal Bible College) with distinction

Christine Leone Williamson

Jessica Jan Wine

Robyn Wine

Terry Edward Wiseman

Nora Vanessa Wissler

Carolanne Woelfle

Kathryn Lorraine Wohler

Sandra Lynn Wolfe B.A. (Carleton)

Kwok Meng Wong

Larry Wong

Josephine Anne Yarek

Andrew Cameron Young

Patrick Mang Tseng Yu

Order of Proceedings

Satu	rday	у,	
June	13,	10:00	p.m.

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- ☐ Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- Conferring of Degrees by Examination

Warrant Michel Gaulin, M.A., Ph.D. Clerk of Senate

- Introduction of the Medallists
 The Clerk of Senate
- Awarding of the Medals
 Dennis P. Forcese, M.A., Ph.D.
 Vice-President (Academic)
- Conferring of the Degree of Doctor of Science, honoris causa, upon
 Keith Usherwood Ingold, B.Sc., D.Phil., D.Sc., LL.D., F.R.S.C., F.R.S., F.C.I.C.
 (Presented by Ronald A. Shigeishi, B.Sc., Ph.D., Associate Professor of Chemistry, and Chair of the Department of Chemistry)
- Convocation AddressKeith Usherwood Ingold
- Recessional Music

^{*}see page 8 for wording



Recipients of Degrees

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Pierre Rhéal Joseph Arnold Fobert

B.Sc., M.Sc. (Queen's)
Biology
Characterization of
Chromosomal Sites of T-DNA
Integration by Activation of
a Promoterless BGlucuronidase (GUS) Gene
Linked to the T-DNA Right
Border Repeat
Supervisor: V. Iyer and B. Miki

Glenn Facey

B.Sc. (Dalhousie), M.Sc. (Guelph)
Chemistry
Solid State NMR Studies of
the Chiral Selectivity,
Molecular Motion and
Reactivity of Guest Molecules
in Tri-o-Thymotide Clathrates
Supervisor: G.W. Buchanan

Kurt Lee Headrick

B.Sc. (Carleton)
Chemistry
Atomic Absorption
Spectrometry with Sample
Atomization by Cathodic
Sputtering in a Glow
Discharge
Supervisor: C.L. Chakrabarti

Derek John Thorkelson

B.Sc., M.Sc. (British Columbia)
Geology
Volcanic and Tectonic
Evolution of the Hazelton
Group in Spatsizi River
(104H) Map-Area,
North-Central British
Columbia

Supervisor: R.P. Taylor

Sukhpal Sanghera

M.Sc. (Simon Fraser), M.Phil. (Himachal Pradesh, India)
Physics
Precision Tests of
Perturbative QCD at the Z^O

Peak Supervisor: H. Mes Awarded at the June Meeting of Senate

Janice Marie DeMoor

B.Sc. (Guelph), M.Sc. (Western Ontario)
Biology
Expression of an Arabidopsis
thaliana 2S Albumin Storage
Protein Gene in Transgenic
Nicotiana tabacum and
Brassica napus
Supervisor: V.N. Iyer and B.L. Miki

Bernard Landry

B.Sc. (Montreal), M.Sc. (McGill)
Biology
A Phylogenetic Analysis of
the Major Lineages of the
Crambinae and of the Genera
of Crambini of North America
(Lepidoptera: Pyralidae)
Supervisor: S.B. Peck

Thomas P. Wilson

B.Sc. (Carleton)
Biology
Motile Vacuolar Systems in
Plant Cells: A Review and
Analytical Study
Supervisor: M.E. McCully

Carolyn Anglin

B.Sc. (Queen's), M.Sc. (Memorial)
Geology
Sm-Nd and Sr Isotopic Studies
of Scheelite from Some
Superior Province Gold
Deposits
Supervisor: K. Bell

Yadong Wu

B.Sc. (Nanjing ,China), M.Sc. (Beijing, China)

Mathematics Dynamic Particle Systems and Multilevel Measure Branching Processes Supervisor: D.A. Dawson (Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Frances Ellen Barry

B.Sc. (Waterloo)
Biology
Sexual Size Dimorphism of
Northern Water Snakes Nerodia
sipedon

Vandana Chandan

B.Sc. (Jammu, India)
Biology
Development of Simple and
Economical Methods for
Culturing Campylobacter and
for Producing AntiCampylobacter Antibodies for
Enzyme Immunoassay

Eric Robert Stephen

B.Sc. (Saint Mary's)
Biology
Construction and Assessment
of a Vector for Gene Expression in
the Fission Yeast,
Schizosaccharomyces pombe

Reese A. Adeney

B.Sc. (Carleton)
Chemistry
Synthesis of a New Family of
Chiral Fluorinated Synthons:
(R) - and (S)-4-Fluoro-1 Alkynes

Paul Johann Nagerl

B.Sc. (Carleton)
Geology
Relationships and Significance of
the Subsill Intrusions at
Maskwa-Dumbarton, Bird River
Sill, Manitoba

Edward Jian Chen

B.Sc. (Carleton)

Mathematics

Ann Lim

B.Sc. (Carleton)

Mathematics

Sultan Muhammad Khan Sial

B.Sc. (Carleton)

Mathematics
A Quantum Algebra Associated with the Universal Algebra of su(2) and its Dual Space

Julia K. Older B.Sc. (Carleton)

Physics Beam Hardening Corrections for Single Energy Computed Tomography Using Dual Energy Decomposition

Andrew James Weber

B.Sc. (Carleton)
Physics
Comparison of Four Methods of
Blood Flow Measurement

Awarded at the June Meeting of Senate

Douglas Allen Irwin

B.Sc. (Carleton)
Geology
The Long Lake Zinc Mine and the Ore Chimney Gold Mine,
Southeastern Ontario: A
Geophysical Exploration Guideline

Juliet McDonald

B.Sc. (Toronto)
Geology
Palynology of the Triporate
Pollen and Paleoecology of
the Tertiary Fossil Forests
of Eastern Axel Heiberg
Island, N.W.T., Canada

Thomas Leslie White

B.A. (Carleton), B.E.S. (Waterloo)
Geology
Cryogenic Alteration of a
Frost Susceptible Soil

Dennis Tat Ming Cheung

B.Sc. (Manitoba)
Information and Systems Science
A Toolset for Database
Administration in a Multiple
Database Environment

James David Nicholas Myronyk

B.Com. (Carleton), M.B.A. (Ottawa)
Information and Systems Science
The Effectiveness of a von
Neumann Workstation in
Servicing a BISDN Workload

Fawzi Hafiz

B.Sc. (Umm Al-Qura, Saudi Arabia) Mathematics

Victor Silalahi

B.Sc. (North Sumatra, Indonesia)
Physics
A Study of the Temperature
Dependence of Gas Gain

Susan Lacosta

B.Sc. (Ottawa)
Psychology
The Effects of MDL 72222,
Ketanserin and Methysergide
Pretreatments on Cocaine
Self-Administration in Rats

Master of Computer Science

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Ralph Patrick Boland B.Sc. (Memorial) Separating Convex Sets

The-Binh Le B.C.S. (Concordia)

Janet Barbara Noye B.Sc. (New Brunswick) A Graphical User Interface Server for Graph Algorithm Programs

Awarded at the June Meeting of Senate

Gregory David Adams
B.C.S. (Carleton)
Describing Groups of Interacting
Objects Using Path Expressions

Robert Douglas Black
B.Math. (Waterloo)
On Fractals, Chaos and the
Hailstone Numbers

Siu Pang Philip Cheng
B.C.S. (Carleton)
Performance Evaluation of a
Hierarchical Task Queue
Organization for Multiprocessors

George Georgaras B.C.S. (Carleton)

Kevin Glenn Haaland B.C.S. (Carleton) Towards Metrics for Object Oriented Languages

Jian Jin B.Sc. (Fudan, China), M.Eng. (East-China Institute of Computer Technology) A Framework for Characterizing an Object-Oriented Data Base System

Rajiv Kachru
M.Sc. (Lenin Electrical Engineering
Institute, Leningrad)
Performance of Some Deadlock
Prevention Routing Algorithms
for Multicomputer Systems

William Wai Lam Lee B.Sc. (Carleton) Tree Editing Algorithms

Bachelor of Science (with Honours)

(Presented by Professor L.A. Copley, Dean of the Faculty of Science, assisted by representatives of Departments)

Biochemistry Awarded at the June Meeting of Senate

Alireza Assadzadeh with Honours

Kerry Vaughn Coons with Honours

Heather Kristin Torrance High Honours

Biology Awarded at the February Meeting of Senate

Carole Chantalle Gagnon with Honours

Bruno Levi with Honours

Michelle Watt High Honours

Awarded at the June Meeting of Senate

Suzanne Erin Baillie Highest Honours

Trina Helen Bowie with Honours

Charles Edward Hall with Honours

Nelson Robert Hursti B.Sc. (Western Ontario) with Honours

Sara Farin Jaward with Honours

Monica Julie Lovas with Honours

Mark Neil M^cMahon with Honours

Kelly Lerena Poole with Honours Chemistry Awarded at the June Meeting of Senate

Michael Albert Abbott with Honours

Donald Frederick Dawson with Honours

Lorne Montgomery Fell with Honours

Regi Damien Giroux with Honours

Roderick Stephen Livingstone with Honours

Leslie Ann M^cMillen with Honours

V. Mark Reynolds with Honours

Brian David Statham B.Sc. (Carleton) with Honours

Robert Vucic with Honours

Geology Awarded at the June Meeting of Senate

Kevin Michael Beneteau with Honours

Aletha Michelle Buschman with Honours

John David Cumming with Honours

Arlene Joan Drake with Honours

Christopher Paul Halchuk with Honours

Andrew William Kaip Highest Honours

C. Brent Loney with Honours

Mathias Reinke Highest Honours

Steven H. Schwarz with Honours

Caroline Ann West with Honours

Mathematics Awarded at the February Meeting of Senate

Daniel Dlab with Honours

Awarded at the June Meeting of Senate

Sandrine Dudoit Highest Honours

Andrew Todd Preston Highest Honours

Statistics Awarded at the June Meeting of Senate

Rajani Srinath High Honours

Physics Awarded at the February Meeting of Senate

Christopher Andrew Hampel with Honours

Psychology Awarded at the February Meeting of Senate

Amy Elaine Dillon Highest Honours

Awarded at the June Meeting of Senate

Lori Anne Book High Honours

Kara Bernadette Susan Casey Highest Honours

Darlene Francis High Honours

Gautam Kwatra Highest Honours Integrated Science Studies Awarded at the June Meeting of Senate

Eric Jean Paul Saumur with Honours

Shannon Joy Elizabeth Smith with Honours

Judith Irene Venecz with Honours

Biochemistry and Biotechnology Awarded at the June Meeting of Senate

Serita Koren Anand Highest Honours

Cameron Scott Boyd High Honours

Craig Stephen Dorrell Highest Honours

Alain William Joseph Turenne with Honours

Biology and Biotechnology Awarded at the February Meeting of Senate

A. Peter Burke with Honours

Abdul-Rahman Zeibdawi High Honours

Awarded at the June Meeting of Senate

Ryan Remy Brinkman with Honours

Tracy Dianne Fry High Honours

Biology and Geography Awarded at the February Meeting of Senate

Duncan Hendricks with Honours **Biology and Psychology** Awarded at the February Meeting of Senate

Kevin Patrick Keough High Honours

Awarded at the June Meeting of Senate

Monique Rachel Mary Gatner with Honours

Andra Marie Smith High Honours

J. M. Alex Taylor High Honours

Mathematics and Physics Awarded at the June Meeting of Senate

Samuel Gerard André Dubé Highest Honours

Karlo Albert Suek

(Presented by Professor L.A. Copley, Chemistry Huy Hong Dean of the Faculty of Science, Awarded at the assisted by representatives of Departments) Kevin Si-Tseung Kok February Meeting of Senate **Biochemistry** David Wing-Hong Kwok Stan Goetz Awarded at the June Meeting of Senate Amyn Lalani Huynh Minh Triet Le Harvinder Singh Faith Lorraine Bernice May Stephen Moore Awarded at the Biology Awarded at the June Meeting of Senate Awarded at the June Meeting of Senate February Meeting of Senate Roderic Howard Philip Allsopp Jeffrey S. Black Maryam Afshar Jay John O'Donnell Joseph Marcel Luc Brazeau Jeannette Leigh Cantin Sinclair Tim Pak Shum Brian Joseph Donnelly Lorie Anne Eamer Vlado Vavroch Darren Mark Filippini Thomas Cameron Frost Colin Douglas Windsor Philippe Labonté Michèle Renée Newton **Mathematics** Hoang Anh Le Awarded at the Awarded at the February Meeting of Senate Sonja Kimberly Logan June Meeting of Senate Kenneth Douglas MacDonald Maria Alexopoulou Katalin Kinga Alexandra Bertenyi with distinction Paul Konrad Medwenitsch Awarded at the June Meeting of Senate Isabelle Dumont Sarayut Ploykasem Patrick Fitch Daniel Israel Faundez Paul John Seaman Stephen William Frodsham Sean James Flynn Nicolas Andre Stirling Stewart Sherri Michelle Gibbons Stephen Ho Shawn Taillon Peter Edward Horton John William Sullivan Geology Awarded at the Ernest James Hudson Laiah Wong February Meeting of Senate Richard William Paul Jeffery **Statistics** Steve Michael Gray Awarded at the Kevin Jon Jordison June Meeting of Senate Awarded at the Todd Jay Littlefield June Meeting of Senate **James Erskine** Jane Maclatchy Peter Alan Yagilashek Peter Alexander Mucha Daniel Andrew Mantha **Physics** Scott Wallis Michael Charles Noel Awarded at the June Meeting of Senate B.A. (Carleton) Computer Mathematics Awarded at the Gita Parekh February Meeting of Senate Rachael Ann Batstone Trena Marie Rudd Jeffrey Bruce DeRooy Douglas Warren Burrill Caroline Rutter Margaret Hidvégi-Milton L. C. Cheng

Yu Lydia Gao (Shen)

Bachelor of Computer Science (with Honours)

Integrated Science Studies Awarded at the June Meeting of Senate

Soraya Moghadam with distinction

(Presented by Professor J.R. Pugh, Director of the School of Computer Science)

Awarded at the February Meeting of Senate

Lance Albert Carter with Honours

Yet Fong Cheong Highest Honours

Hing-Cheong Cheung High Honours

Arthur Roy Janes High Honours

Andreas Reissmann with Honours

Nigel Street with Honours

Walter Oktavian Ungureanu with Honours

Kenneth N. Walker Highest Honours

Lim-Fai Wong with Honours

Sui Chai Yu B.Bus.Admin. (Hong Kong) Highest Honours

Awarded at the June Meeting of Senate

Jeffrey Clarke Alguire Highest Honours

Holly Anne Armstrong High Honours

Wei-Yee Ashley Au with Honours

Andrew William Barclay with Honours

John Preston Campaner with Honours

Ka Keung Kenneth Chung Highest Honours

Melanie Joy Deighton High Honours

John C. Denyer High Honours Daniel Charles Fanthome Highest Honours

Kimberly B. Farrell with Honours

Christopher Todd Fothergill High Honours

Adrian Leo Gerkema with Honours

Roland (Wai-Leung) Huen with Honours

Peter Hvezda with Honours

John Ross Judson with Honours

Francis Joseph Dennis Langlois with Honours

Wai Pong Leung with Honours

James Worthington Little High Honours

Duncan Robert MacDonald with Honours

Scott Robert Laughlan MacDonald with Honours

Timothy Andrew Mackinnon High Honours

Soo-Lan Mui with Honours

Edward Alexander Norminton with Honours

Ritu Sikka Highest Honours

Curtis C. Spencer Highest Honours

Ichwan Ridwan Tandjung B.A. (Carleton), B.Stats. (Academy of Statistics, Indonesia) with Honours

Ernesto Tapanes with Honours

Cory Patrick Tinkess with Honours

Stephen Michael Watson with Honours

Order of Proceedings

Satur	rda	у,	
June	13,	2:00	p.m.

Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

- Processional Music
 John Robert Coghill (bagpipes)
 John Robert Coghill, Jr. (bagpipes)
 Garry Matthews (drummer)
- ☐ O Canada* (the audience is invited to sing)
- ☐ Welcome by the President and Vice-Chancellor Robin H. Farquhar, M.A., Ph.D., F.C.C.E.A.
- Conferring of Degrees by Examination

Warrant Michel Gaulin, M.A., Ph.D. Clerk of Senate

- ☐ Introduction of the Medallists
 The Clerk of Senate
- Awarding of the Medals
 Dennis P. Forcese, M.A., Ph.D.
 Vice-President (Academic)
- Conferring of the Degree of Doctor of Engineering,
 honoris causa, upon
 John D. Redfern, B.Sc., P.Eng.
 (Presented by J. Spruce Riordon, M.Eng., D.I.C., Ph.D., P.Eng., Professor of
 Engineering and Vice–President, Finance and Administration)
- ☐ Convocation Address John D. Redfern
- ☐ Recessional Music

^{*}see page 8 for wording

Doctor of Philosophy

Master of Engineering

Recipients of Degrees

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Yvan Champoux

B.Sc.A., M.Sc.A. (Sherbrooke)
Aeronautical Engineering
Etude Expérimentale du
Comportement Acoustique des
Matériaux Poreux à Structure
Rigide
Supervisor: W.G. Richarz

Jeffrey William Smuk

B.Eng., M.Eng. (Carleton)
Electrical Engineering
Hybrid Semiconductive/
Superconductive Microwave
Integrated Circuits
Supervisor: J.S. Wight

Awarded at the June Meeting of Senate

Fred Joseph Kaudel

B.A.Sc. (Toronto)
Electrical Engineering
Static Task Allocation for
Distributed Computers
Supervisor: C.M. Woodside

Brent Robert Petersen

B.Eng. (Carleton), M.A.Sc. (Waterloo)
Electrical Engineering
Equalization in
Cyclostationary Interference
Supervisor: D.D. Falconer

(Presented by Professor J.W. ApSimon, Dean of the Faculty of Graduate Studies and Research)

Awarded at the February Meeting of Senate

Navid Foroudi

B.Sc. (Ferdowsi, Iran)
Electrical Engineering
A High-Speed CMOS
Dual-Modulus Frequency
Divider for Mobile Radio
Frequency Synthesizers

Eric Norman Johnson

B. Eng. (Carleton)
Electrical Engineering
A Dual Polarized X-Band Array

Leon L. Lipoth

B.A.Sc. (Regina)
Electrical Engineering
Neural Network Based
Detection of EEG
Abnormalities

Dennis Frank Rosenauer

B.A.Sc. (British Columbia)
Electrical Engineering
The Use of GaAs Astable
Multivibrators for High
Frequency Oscillators

Jim Moon Nga Seto

B.A.Sc. (Waterloo)
Electrical Engineering
An 8 Bit BiCMOS Subranging
Flash Analog to Digital
Converter

Min Chang

B.Eng. (Beijing Aeronautics and Astronautics Institute, China) Mechanical Engineering Damage Tolerance of Inconel 718 Turbine Disc Material

Inamul Haq

B.Eng. (NED University of Engineering and Technology, Pakistan)

Mechanical Engineering

Axial Compressor Fouling:

Evolution of Performance

Prediction Techniques

Arunkumar Jonnalagadda

B.Eng. (Osmania, India)
Mechanical Engineering
A Design and Analysis
Environment for Welding

Awarded at the June Meeting of Senate

Kun Chen

B.Sc. (Science and Technology, China),
M.Sc. (Academia Sinica, China)
Aeronautical Engineering
Calculations of Turbulent
Swirling Flows in Varied
Annuli Using Finite Volume
Method

Carl Henry Clarke
B. Eng. (Carleton)
Civil Engineering

John Christian Saabye Hansen B.Sc. (Bristol, United Kingdom) Civil Engineering Large Truck Urban Access Study

William Theodore Aitken
B.Eng. (McGill)
Electrical Engineering
Network Management Standards
from the Fault Management
Perspective

Ek Ka Chang
B. Eng. (Carleton)
Electrical Engineering

Adam Xuesi Dong
B.S. (Beijing University of Posts and
Telecommunications), M.S. (Beijing
Institute of Technology)
Electrical Engineering
Incorporation of Digital
Angle Modulation into a
Fractional Division
Synthesizer

Joseph Fernand Robert Dussault B.Eng. (Royal Military College) Electrical Engineering A Diagnostic Expert System for Wide Area Networks

Gary Ian Hutchinson B.A.Sc. (Waterloo) Electrical Engineering

Thai Quoc Le
B.Eng. (Carleton)
Electrical Engineering
Application Specific
Integrated Circuit (ASIC)
Hardwired Microcontroller

John Robert Long
B.Sc. (Calgary)
Electrical Engineering
High Frequency Integrated
Circuit Design in BiCMOS for
Monolithic Timing Recovery

John David Madsen
B.Eng. (Carleton)
Electrical Engineering
Analysis of Monolithic,
Fractional-N Frequency
Synthesizers

Nicolaas Christopher Peereboom B.A.Sc. (British Columbia) Electrical Engineering Optical Two-Wave Mixing in Iron-Doped Indium Phosphide

Christopher Joseph Peters
B.Sc. (McGill), M.Sc. (Queen's), Ph.D.
(McMaster)
Electrical Engineering
MOSFET Based Gamma Radiation

James Gregory Ryan B.Eng. (Memorial) Electrical Engineering Subband Adaptive Filters

Chi Fai Roger Shum
B.Eng. (Carleton)
Electrical Engineering
A Timing Macro Model for
Performance Optimization of
CMOS Logic Circuits

Daniel James Withey
B.Sc. (Calgary)
Electrical Engineering
A Cochlear Implant
Stimulation Strategy and
System

Clifford Po Shek Yeung
B.Sc. (Reading, England)
Electrical Engineering
A Cascadeable Pipelined Fast
Fourier Transform Switch with
Built-In Self-Test

Richard John Young
B.A.Sc. (Waterloo)
Electrical Engineering
Differential Detection with
Channel Estimation
Enhancement for Data
Detection of CPM Signals
Transmitted Through Fast
Rayleigh Fading Channels

Bohdan Goyaniuk B.A.Sc. (Toronto) Mechanical Engineering

Jinghui Li
B.Eng. (Tsinghua, China)
Mechanical Engineering
The Onset of Significant Void
in Boiling Flows Over a Wide
Range of Operation Conditions

Alexander P. C. K. S. Lorimer
B.Eng. (Technical University of Nova
Scotia)
Mechanical Engineering

Mechanical Engineering An Experimental Study of Co-Axial Tailpipe Mufflers for Internal Combustion Engines

Bachelor of Engineering (Presented by Professor M.J. Bibby, Dean of the Faculty of Engineering, assisted by the Chairs of Departments) Aerospace Awarded at the June Meeting of Senate Nauman Arshad Michael William Benner with high distinction Terrence M. Boland with distinction Paul Gonçalves Caiado Joseph C. Coballe with distinction Stefano Fabio De Cecco with high distinction Michael Edward Elvidge with high distinction Thomas Garry Fejes with high distinction Kevin D. Goodman with distinction

John P. Fowler

Kevin D. Goodman
with distinction

John Charles Honey

Nilan Karunaratne

George Khoury
with high distinction

Andrew Martin Koski-Harja with distinction Geoffrey Sean Lyon

Risto Omer Majeed with distinction

John A. McDonald with distinction

Garry Mark Montgomery

Ann-Margaret Mozola

Donald Nitschke

Michael Frank Saroch with high distinction

Sean H. S. Tan

Mathias Wuhr with high distinction

Civil
Awarded at the
February Meeting of Senate

Michel R. Brault

Stanley Timothy Cheer

James Robert Patrick Hill

Richard James St. Aubin

J. Alan William Willsher

Awarded at the June Meeting of Senate

Paul Carnaffan with Distinction

Cindy L. Casey

Michael Ian Cunningham with high distinction

Ibrahim Dawod

Dean Kevin Drevniok

Jeffrey M. Fern

John Paul Guy

Fadi G. Hamwi

Nita Kassiri

Bradley Edward Kingston

Bahar Maghsoudi

Brian Charles McMullen

Eric Paul Newman with distinction

Saverio Parrotta

Richard Frank Querin

Sonya Grace Skinner

Spencer Thorsen

David Paolo Toscano with distinction

Rolf William Weidelich

John Clark Wilder

Computer Systems Awarded at the June Meeting of Senate

Trevor Blackwell with high distinction

Gerald L. Boersma with high distinction

Gary Fraser Cameron B.Sc.(McGill)

Sai Kau Choy

Sanjay Gera with high distinction

Brian Wilfred Gunther

Peter John Haighton

Hendra Limin

Shahrokh Namvar

Tinh Huy Nguyen

Salvador Paredes

David Shmelzer

Pankaj Sikka

John Ajit Thomas

Gregory David Wagner

Nimer Yaseen

William Yau

Matthew Yuen with high distinction

Electrical Awarded at the February Meeting of Senate

Paul August Kloppenburg

William Desmond Murl McGonegal

James Blair Phillipps

Farshid Eric Sami

Paul Anthony Taylor

Awarded at the June Meeting of Senate

Majid Abdi

Ra'ed Arab **Robert Leigh Microys** Franco Bruni with distinction **Brian Miles** Joseph Wilbur Baker José Buceta Walter Timothy Bax Brian Douglas Moore with high distinction Chris James Cass Aik Phong Ng with distinction Adrian John Bergsma Farid Ahmad Razaqpur Patrick S. F. Chan Jeffery Charles Brewster with high distinction Parvis Sadeghi Denis Charette Andrew Murray Edmund Brown John Eldon Sellars Matthew H. Coons Shamez Budhwani Satinder Singh Christopher A. Dodunski Daniel William Burke Robert F. Spearman David John Fournier B.Sc.(Carleton) with high distinction Konstantinos Sarantos Spyridis Kok Wei Eugene Choy Daniel M. Fuleki John Edward Tanaka with distinction Gregory Miles Copeland Jihan Tannous Zaryab Hamavand Marnie Alison Dunsmore with high distinction Joy Tanotra Steven D. Hamilton Raymond Wing Suen Dy Chirag Ravindra Trivedi David Stuart Harrington with distinction Robert H. Ebner Weng Sang Van Dent Harrison Mau D. Vuong Norman Maurice Filiol with high distinction Sherif Youssef Hegazy John Christopher Wall Paul D. Heino Steven Seto Fong with high distinction Michael Weckworth John A. Jastremski Tara Leigh Hennessy John Bounsy Yeh with distinction David G. Hodgins Andrew Kian Teck Yeow David Joseph Jeffrey Richard Andrew Houle Alfred Yue Marilyn Ann Johnston with high distinction Heather P. Hum Mechanical Awarded at the Jiří Krupka Erik Peter Jurgutis February Meeting of Senate Yuen-Fai Lee Hari Kant Susan Leslie Birtch with high distinction Sean M^cCann with distinction Stephen John Day Wing Tong Lee Gregory Joseph M^cDougall Robert Laflamme Robbie M. Leone B.Sc.(Waterloo) Leif Wayne Stephanson Nai Kwong Nelson Leung Nathan Owen Meyers with distinction Awarded at the Joseph Wayne Moodie June Meeting of Senate Yuen-Ching Lo Glenn Douglas O'Gallagher Nigel M. Lowe Shaun Leslie Banks Taminy Ann Powers Matthew Maguire Francis William Bann with high distinction Michael Schirmer John L. Bergmans David Andrew Marryatt Peter John Serjak

Michael Sol Berman

B.Sc. (Carleton)

Bachelor of Architecture

Simon John Edward Shearman B.A.(Queen's)

Peter So

David W. Trevors

Calvin Peter Van Den Bos with distinction

Darrin Wiegard

(Presented by Professor H.S. Loten, Acting Director of the School of Architecture)

Awarded at the February Meeting of Senate

Schawn Arthur Jasmann

Awarded at the June Meeting of Senate

Araya Asgedom

Man-Yi Kitty Au

Patrick William Banister with distinction

Christopher R. Barnabe B.A.(Carleton)

John Theodore Berezny B.Comm.(McGill) with distinction

Edward Severino Bonutto with distinction

Vince Catalli

Edmund Chan with distinction

Anna Lindsay Childe

Tracy Jean Day B.A.(Saskatchewan) with distinction

Manoel Fernando de Paiva

Arlene Marie-Terese Dediér

Deni Joseph Di Filippo

Jovanka Divic

John Darrin Dunsford with distinction

Stuart T. W. Elgie

Jasmin S. Fréchette with distinction

Mario Georges Gasperetti

Jeffrey Dean Gauley

Scott Craig Hayward with high distinction

Stéphane Hébert

Ricardo Alberto Hendi with distinction

Ashley Huang with distinction

Timothy Richard James B.E.S.(Manitoba) with distinction

Andrew Russell Kimber B.Tech.(Ryerson)

Victoria Joan Kusznir

Justina Kwok
B.A.(Carleton)

Mun Ying Kwun with distinction

Katherine Marie Landry

John Le with distinction

Linda Cathy Lee B.Sc.(Alberta)

David Wade Lewington B.A.(McMaster)

Steven C. Lindy with distinction

Joseph Sejong Mah

Robert Philip Hugh Martin

John Manfred Joseph May

Chloe Constance McKinney B.A.(Queen's)

Craig Charles Moolenbeek

Maria do Rosario Pinho Moreira with distinction

Natalie M. Morency B.A.(Carleton) with distinction

Diego Morettin with distinction

Frank Hee Young Park

Robert Austin Pashuk with high distinction

Georges Raphael Quirion

Richard Glenn William Rampton with distinction

Bachelor of Industrial Design

Jonathan Matthew Rockliff

John James Sawdon with distinction

Raffaele Scasserra

Sean Scensor with distinction

Charles Robert Secker

Hugh Patrick Short B.A.(Western Ontario)

Gary Lloyd Smith

David Christopher Stewart B.A.(Saskatchewan)

Edward J. Thomas with distinction

Nicholas Julian Tsuk

Gregory Douglas Tuck

Long N. Vo
with distinction

Cynthia Julia Yee

Elaine Ting Yee

(Presented by Professor J.R. Giard, Director of the School of Industrial Design

Awarded at the June Meeting of Senate

R. Colin Adamson with distinction

Michael Augustus Bajada with high distinction

Marc Andrew Beck with high distinction

Joanna Boothman with high distinction

Paul John Conder with high distinction

Terry Eugene Halajko with distinction

Michael Robert King with distinction

Byron Normand Leclair

Robert Kenneth Lepack with high distinction

Philip Roy Marjeram

Brett Allen Morris-Fooks
B.A.(Carleton)
with high distinction

Randall James Palangio

Craig Elliott Pirie with high distinction

Andrew John Rolph

David Rootman with distinction

Troy Wayne Sauvé with high distinction

Christine Olga Mary Simbirski with high distinction

Joel R. Steinberg B.Sc.(York)

Daniel James Tourangeau with distinction

The following degrees were approved by Senate after publication of the 1991 Fall Convocation Program.

Master of Arts

T. Stephen Ahern B.A. (Queen's) English

Michael Anthony McKenzie B.A. (Wilfrid Laurier) Public Administration

Master of Engineering

Robert G. Andrews

B.Eng. (Carleton)

Mechanical

High Temperature Fatigue Crack
Initiation and Propagation
Behaviour in Inconel 718 Turbine
Discs

Bachelor of Arts (with Honours)

Evagelia Travlos
B.A. (Carleton)
Honours in Interdisciplinary
Studies

Eve Hague High Honours in Psychology

Bachelor of Arts

Anthony Blair D. Adamson

Pamela Lynn Campbell

Suzanne E. Dawson

Thomas Andrew Ruggle

Trevor John Storring

Bachelor of Public Administration (with Honours)

Nancy Marie Humber with Honours



Medallists in the Graduating Class

The Governor General's Medal-Bachelor Degree Program

Awarded annually to a student standing at the head of the graduating class at the bachelor's level.

Donated by His Excellency the Governor General of Canada.

Rajeev Harsha Dehejia

Honours Economics

The Chancellor's Medal

Awarded annually in the name of the Chancellor of the University to a graduating student of outstanding academic achievement.

Sandrine Dudoit

Honours Mathematics

The President's Medal

Awarded annually in the name of the President of the University to the student with the highest standing in a pass program of studies.

Peninah Brickman

Philosophy

University Medal for Outstanding Graduate Work

Awarded, when merited, for outstanding graduate work at the Ph.D. and master's levels.

Ph.D. Level

Yadong Wu

Mathematics

Master's Level

John Robert Long

Electrical Engineering (Electronics)

University Medals

Awarded annually, when merited, to the graduating students standing highest in interfaculty studies, arts, social sciences, science, engineering, architecture, commerce, computer science, industrial design, journalism, music, and public administration.

University Medal in Interfaculty Studies Tracy Michelle Hoskins

Honours Journalism and Political Science

University Medal in Arts Aimée Marie-Carmen Boutin

Honours English and French

University Medal in Social Sciences Christopher Harry M. Killam Honours Geography

University Medal in Science Soraya Moghadam Integrated Science Studies University Medal in Computer Science Yet Fong Cheong

University Medal in Commerce Marnie Leigh McLellan

University Medal in Journalism Kanina Holmes

University Medal in Engineering Michael Ian Cunningham Civil Engineering

University Medal in Industrial Design Christine Olga Mary Simbirski

Lieutenant Governor's Medal in Architecture Awarded annually, when merited, to the student standing at the head of the graduating class in architecture.

Robert Austin Pashuk

Senate Medals

Awarded, when merited, to graduating students of outstanding academic achievement.

Ph.D. Level Pierre Rheal Joseph Arnold Fobert Biology

Jeffrey William Smuk Electrical Engineering (Electronics)

Susan Wendy Strickland Binnie Sociology

Master's Level Jeffrey Michael Spooner Religion

William Wai Lam Lee Computer Science

Ruth Phyllis Drennan Social Work

Undergraduate Level Mathias Wuhr Aerospace Engineering

Mark Anthony Billings Honours Political Science Laura Atkinson

Honours Italian and Russian

Curtis C. Spencer

Computer Science

Melanie Lachapelle

Psychology

Gwyneth Ann Sitch

Law

Stephanie Jane Cristina

Honours Psychology

Matthew Yuen

Computer Systems Engineering

Lloyd Stuart Mills

Political Science

Daniel William Burke

Electrical Engineering

Shelly Yvonne Whitney

Commerce

Jeffrey James Bender

Commerce

James Frederick Wright

Honours Geography

Margaret E. Toye

Honours English

Jeffrey Clarke Alguire

Computer Science

Karen Elizabeth Walsh

Commerce

Daphne Carolyn Overhill

Music

Ka Mun Lai

Commerce

Shelley Lynn Brown

Honours Psychology

Sandra Lynne Dobson

Commerce

Gisela R. Kerr English

Sally Anne Hickson Honours Art History and Italian

Jeffery Charles Brewster Electrical Engineering

Christine Deirdre Marlin Honours English

Grant Dean Myers Honours Anthropology

Dan Chow Commerce

Susan Ann Jordan History

Andrew Peter Robinson Commerce

Andrew Todd Preston Honours Mathematics

Katalin Kinga Alexandra Bertenyi Biology

Leontine Claassen Honours Soviet and East European Studies

Recipients of Honorary Degrees



Charles S.A. Ritchie, C.C., M.A., D.C.L., D.Litt., F.R.S.L.

Mr. Charles S. A. Ritchie, noted diarist and retired diplomat, will be awarded the degree of Doctor of Literature, *honoris causa*, at the morning ceremony on Thursday, June 11, "in recognition of a distinguished contribution to Canadian letters, as a diarist of elegance and wit, and of an equally notable career in the Canadian diplomatic service."

Mr. Ritchie began his education at the University of King's College in Halifax, earned his degrees from Oxford University (B.A., M.A., 1929), Harvard (M.A., 1930) and the Ecole Libre des Sciences Politiques, Paris (M.A., 1931). He started his diplomatic service career in 1934, when he joined the Department of External Affairs and served successively in Washington, London, Ottawa, and Paris. In 1954, he became Ambassador to the Federal Republic of Germany, then in 1958, Ambassador and Permanent Representative to the United Nations. In 1962, he was appointed Ambassador to the United States and then returned to London in 1967 to become High Commissioner to the United Kingdom. He came back to Ottawa to complete his career as a Special Adviser to the Privy Council in 1971 to 1973. He is the author of five books, some of which are based on his diplomatic service career. Mr. Ritchie is a Fellow of the Royal Society of Literature, has been honoured four previous times by other Canadian universities with a D.C.L., three times with a Doctor of Literature, and is an honorary Fellow of Pembroke College, Oxford University.



Lister Sinclair, O.C., M.A., LL.D., D.Litt.

Mr. Lister Sinclair, current host of the CBC radio series "Ideas", will be awarded the degree of Doctor of Literature, *honoris causa*, at the afternoon ceremony on Thursday, June 11, "in recognition of a distinguished contribution to Canadian life as a champion of the liberal arts and intellectual excellence in the field of public broadcasting."

As actor, author, educator and broadcaster, Mr. Sinclair has made an indelible mark on Canadian literature, television, and radio. His areas of expertise include languages and dialects, writing and acting for the stage and radio, producer of documentaries and plays, teacher of math and music. He is particularly noted for his CBC programs "Man at the Centre", "The Nature of Things", "A is for Aardvark", as well as specials on Shakespeare, Shaw, and Darwin and as current host of the CBC radio program, "Ideas". Mr. Sinclair was born in Bombay, India of Scottish parents and received his early education in England. He earned his B.A. from the University of British Columbia and his M.A. from the University of Toronto. He has also been recognized on four previous occasions with honorary degrees from Canadian universities dating back to 1970. Throughout 48 years of broadcasting he has given time back to his profession by serving in positions with the Canadian Conference of Arts and the Association of Canadian Radio and Television Artists. In return, he has been honoured by his profession with the George Peabody Award, the John Drainie Award for Broadcasting, and the Sir Sandford Fleming Medal. In 1985, he was appointed an Officer of the Order of Canada.



Nina Jerome Natawe

Nina Jerome Natawe, described by her grandson as "a living legend", will be awarded the degree of Doctor of Laws, *honoris causa*, at the morning ceremony on Friday, June 12, "in recognition of a distinguished contribution to Canadian life as an elder and spiritual leader of one of Canada's First Nations, exemplifying a continuing concern for the preservation of the traditional lifestyles and cultural traditions of her people."

Nina Jerome Natawe was educated by her elders and has kept alive the traditions passed down to her. She teaches her community the primary native goal of self-sufficiency in the way of native culture through storytelling and practical teaching. In this way, she passes on the ability to hunt, tan hides, sew traditional clothing, and prepare traditional foods. She was chosen by her elders at an early age to become a messenger and trained to accurately forecast the weather and prepare for upcoming storms. Ms Natawe has thorough knowledge of the natural sciences and the environment which she skilfully blends into her many areas of teaching. She speaks several different dialects including Attikame, Cree and Ojibway. She has raised 17 of her own children as well as two step-children, has been midwife to another 60 children and is the essential palliative care provider for the grieving and the dying in her community. She embodies her "native traditions and teaches the spiritual values of being a proud and self-sufficient Indian."

Algonquin translation:

Kokom Ninâ Jerome Nâtawe Kî-Kinâmâgozi âcatc kâbitc kikinâmâge kidji-anicinâbe-akonigenânîyonik e-nâtisoketc gâye odiji-tcigewînikâk Obigidinân kickitowînî, anikîwînî, acekewînî, kicigwâsowînî, âcatc kidji-nîkigadenik mîdjimanî. Ogi-odâpanigon onîgîgon megwâtc e-ockinîgatc kidji-pâmâdjimotc. Kâ-iji-kinâmâwâginiwitc kidji-nâbwâdik ke-iji-gîjiganik kidji-wenîtc pî-madji-gîjiganik. Kokom Nâtawe onisitomowîn mâdizîwînî âcatc akî ogi-kedimowîn, ogickiton e-mâmowîsidotc ogikinâmâgewînikâk. Ogî-kickiton pakân kidji-ijigîjetc tâpickotc Âdikamek. Mackik-înînî acatc Odjîbwe. Mîdâsi âcatc nîjwâsî abinodjîcanogidiyânâcatc nigodwâsimodinâ egi-nodji-wâbozetc kokom ogîgîkimân kâ-kickendimandjan acatc kawî-mâdjandjankâ-iji-tinikitc. Kokom obimodon odanicinâbewon gâyeodebwetimowîn e kinâmowândjan onîdjânsidok kidji-manedimandjan eanicinâbewîndjan.



H. Scott Gordon, A.M., Ph.D.

Dr. H. Scott Gordon, Distinguished Professor Emeritus of Economics at Indiana University, will be awarded the degree of Doctor of Laws, honoris causa, at the afternoon ceremony on Friday, June 12, "in recognition of distinguished contributions to economics in the areas of property rights, the history of economic thought, the wealth and welfare of modern economies, and monetary and fiscal policy in Canada."

Although Dr. Gordon now resides most of the year at Indiana University as Distinguished Professor Emeritus in the Department of Economics and as professor of the history and philosophy of science, he has had a long association with Carleton University. He first came to Carleton as an assistant professor in 1944, became an associate professor in 1953 and professor in 1957. During that period he also served as Chair of Carleton's Department of Economics from 1948 to 1954 and held other teaching positions at McGill University and the University of Chicago. He joined Indiana University in 1966 as professor of economics, and has been a distinguished professor since 1981. Dr. Gordon concurrently holds an adjunct professorship at Queen's University. He received his B.A. from his hometown university, Dalhousie (1944), his M.A. from Columbia in 1947 as part of a graduate residence scholarship, and his Ph.D. (1964) from McGill which he began on a Bronfman Fellowship. Dr. Gordon was honoured by Indiana University in 1990 as a distinguished faculty research lecturer and by Carleton economics professor T.K. Rymes in his book, Welfare, Property Rights and Economic Policy: Essays and Tributes in Honour of H. Scott Gordon (1991).



Keith U. Ingold, B.Sc., D. Phil., D.Sc., LL.D., F.R.S.C., F.R.S., F.C.I.C.

Dr. Keith U. Ingold, Distinguished Research Scientist with the Steacie Institute for Molecular Sciences at the National Research Council, will be awarded the degree of Doctor of Science, *honoris causa*, at the morning ceremony on Saturday, June 13, "in recognition of a distinguished contribution to Canadian life and the international scientific community as a leader in the field of physical organic chemistry."

Dr. Ingold is one of the world's leading organic chemists and is recognized as the pre-eminent authority in the field of free-radical chemistry. He received his B.Sc. from the University of London and his D. Phil. from Oxford University in 1951. After two post-doctoral fellowships at the National Research Council of Canada (NRC) and the Defence Research Board of Canada, he joined NRCs Division of Applied Chemistry. He is currently Distinguished Research Scientist in the Steacie Institute for Molecular Science, Adjunct Professor in the Department of Chemistry at Carleton, and at the Department of Chemistry and Biochemistry at Brunel University in the U.K. Dr. Ingold is the author of some 400 widely cited scientific publications, coauthor of the book Free Radical Substitution Reactions, and author of individual chapters in twenty books. He also holds seven patents. In recent years he has focused his research upon biology and especially the chemisty of vitamin E. The awards and honours have been many including three previous honorary degrees: the Henry Marshall Tory Medal from the Royal Society of Canada in 1985; the Humboldt Award from Germany in 1989; the Sir Christopher Ingold Lectureship Award of the Royal Society of Chemistry (U.K.) in 1991; and the 1992 Izaak Walton Killam Memorial Prize for \$50,000, given to Canadians in recognition of world-class achievement in the sciences.



John D. Redfern, B.Sc., P.Eng.

Mr. John D. Redfern, Chair of the Board of Lafarge Canada Ltd., will be awarded the degree of Doctor of Engineering, *honoris causa*, at the afternoon ceremony on Saturday, June 13, "in recognition of a distinguished contribution to the business side of civil engineering, and of leadership provided with vision and imagination to Carleton University as Chair of the successful Challenge Fund Campaign."

Mr. Redfern was born in Ottawa and educated at Carleton, and he received his B.Sc. in civil engineering from Queen's University in 1958. Following experience in the highway construction industry, Mr. Redfern joined Canada Cement Company in 1958 and held different positions across the country before becoming Vice-President of Operations in 1974. Three years later, he became President and Chief Executive Officer of the company. In January of 1988, Canada Cement Lafarge Ltd. was renamed Lafarge Canada Inc., and he continues as Chair of that organization. He is a member of six different boards and organizations and a director of another six corporations. His association with Carleton has continued from his days as a member of the Ravens football team, to involvement with the alumni association, the Board of Governors, and his enormous contribution and leadership of Carleton's five-year \$30 million Challenge Fund Campaign, which kicked-off in 1987 and reached its goal one year ahead of schedule.



